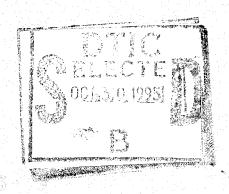
NORTH PACIFIC OCEAN

FIEBERLING SEAMOUNT

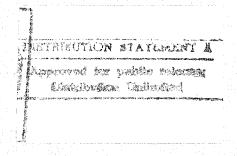
CTD DATA REPORT

R/V New Horizon 24 April - H. May 199

Gunnair II. Roden William I. Fredericks







University of Washington

NORTH PACIFIC OCEAN

FIEBERLING SEAMOUNT

CTD DATA REPORT

R/V New Horizon 24 April - 11 May 1991

Gunnar I. Roden William J. Fredericks



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Contribution 1914 School of Oceanography University of Washington Seattle, Washington 98195

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ABSTRACT

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ABSTRACT

During April and May 1991 the R/V New Horizon made a detailed study of the flow and thermohaline structures around Fieberling and neighboring seamounts as part of a multi-investigator, multi-institutional ONR sponsored Flow over Abrupt Topography Accelerated Research Initiative. A total of 122 stations were taken in the working area and 2 test stations were taken outside it. This report gives a numerical and graphical summary of the CTD field measurements and of surface meteorological observations.

INTRODUCTION

A. Sea floor topography

Fieberling is a large seamount 992 km west of San Diego, CA (Figure 1). It rises abruptly from the deep ocean floor at 4300 m to a minimum depth of 438 m. To the ESE of Fieberling are three smaller seamounts: Fieberling II, 52 km distant with a minimum depth of 1040 m; Hoke, 88 km distant with a least depth of 772 m; and Stoddard, 164 km distant with a minimum depth of 1070 m. The four seamounts form a linearly arranged group, which will be referred to as the Fieberling group. The basic dimensions of the four seamounts and of the gaps between them are summarized in Table 1. It is important to note that Fieberling seamount is isolated from its neighbors only in the upper fifth of the water column. Below 2000 m, the gaps between Fieberling, Fieberling II and Hoke are less than the width of the seamounts involved. This seafloor shape has fundamental consequences for flow-topography interaction. While the upper layer flow interacts directly with a single seamount (Fieberling), the deep flow interacts with the seamount group.

B. Objectives of CTD study

To investigate the effects of the Fieberling and neighboring seamounts on oceanic flow and property structures in their vicinity, a detailed field study was made of the environmental conditions in the area aboard the R/V New Horizon between 24 April and 11 May 1991. The main objectives of this study were to:

- 1. determine the structure of the large scale flow impinging upon Fieberling seamount and its change with depth,
- study the effects of neighboring seamounts on the circulation near Fieberling,
- investigate the characteristics of jets and eddies near seamounts and seamount wakes,

- 4. assess the structure and extent of upwelling cones above the summits of seamounts,
- 5. determine the time variability of the spatial structures over a period of one week.
- C. Cruise track, station positions and meteorological observations.

The field study focused on a 110 km by 170 km area centered around the WNW-ESE axis of the seamounts. The basic station grid was 27 km, with closer station spacing near the seamounts. The station pattern in the working area is shown in Figure 2 and consisted of 122 CTD stations. Fifty-nine stations were occupied twice in order to determine the time change over a week. In addition, two instrument test stations were taken, one at 32°32' N, 118°00' W (station 0) shortly after leaving San Diego and one at 32°30' N, 126°00' W (station 123) shortly after leaving the working area. At all stations, records were kept of atmospheric pressure, wind speed and direction as well as of dry and wet bulb temperatures.

PARTICIPANTS

Ship's Captain

Eric Buck

SIO

Chief Scientist

Gunnar I. Roden

UW

Scientist

Thomas F. Gross

Skidaway IO

Technical Personnel

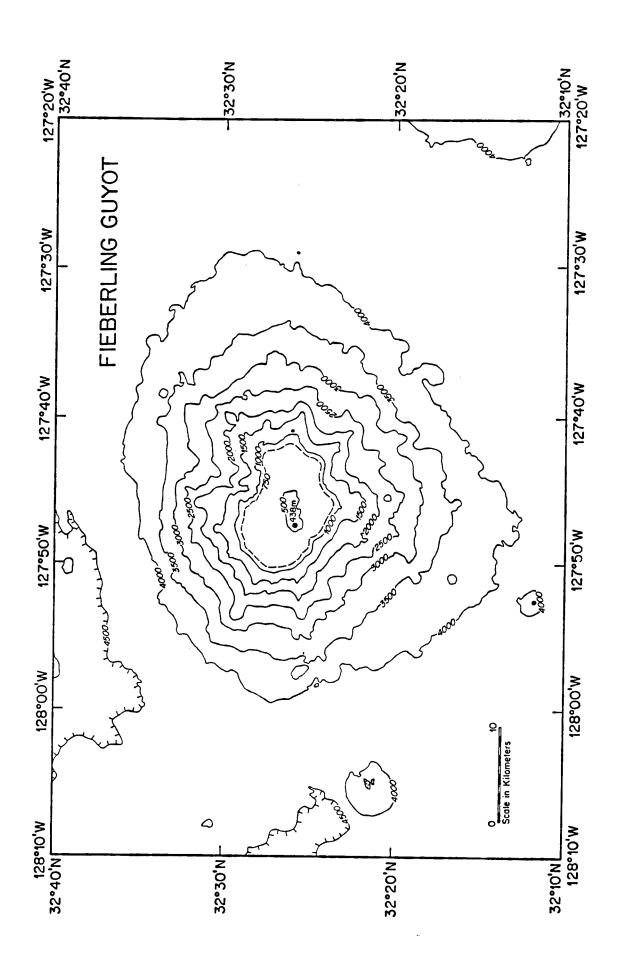
Terrence Biever U of CO
Ronald Comer SIO
William J .Fredericks UW
Katherine A. Krogslund UW
William H. Martin UW
Stanley Moore OSU
Kathleen K. Newell UW

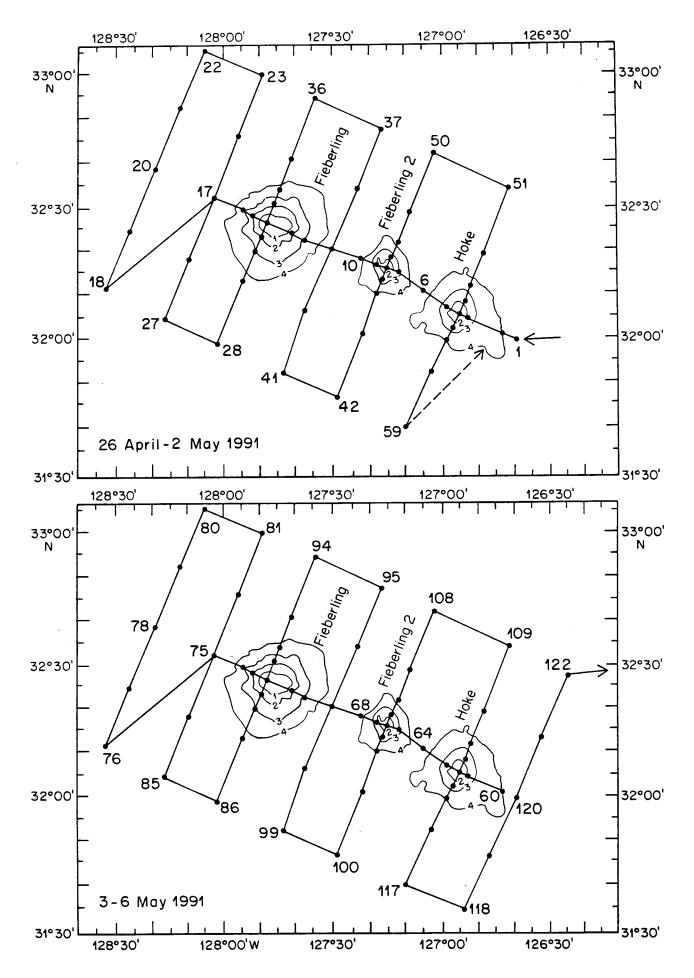
Grady Nichols Skidaway IO

James R. Postel UW Michael J. Realander UW George M. White UW

TABLE 1. Basic Dimensions of Seamounts in the Fieberling Group. Widths are approxiamate. Heights are relative to a seafloor base at 4300 m.

Seamounts:	Fieberling	Fieberling II	Hoke	Stoddard
Latitude	32°26.1'N	32°16.1'N	32°05.7'N	31°45.6'N
Longitude	127°45.9'W	127°15.1'W	126*55.5'W	126°13.8'W
Minimun depth	438 m	1048 m	772 m	1075 m
Height above seafloor	3862 m	3252 m	3528 m	3225 m
Width at 500 m	3 km	_	_	-
Width at 1000 m	12 km	_	4 km	_
Width at 1500 m	16 km	6 km	8 km	3 km
Width at 2000 m	20 km	8 km	9 km	8 km
Width at 4000 m	40 km	22 km	30 km	22 km
Gap at 1500 m	41	km 3	2 km	68 km
Gap at 2000 m	35	km 2	16 km	61 km
Gap at 4000 m	20) km 1	1 km	35 km





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Captain Eric Buck and his officers and men are to be commended for outstanding performance. The high professional competence of the seagoing personnel from the Oregon State University (OSU), the Scripps Institution of Oceanography (SIO), the Skidaway Institute of Oceanography (Skidaway IO) and the University of Washington (UW) made this report possible. This report was supported by ONR grant NO0014-89-J-1248.

DATA ACQUISITION AND CALIBRATION

The CTD casts were conducted using the University of Washington's Seabird Conductivity-Temperature-Pressure profiler, coupled to a SeaTech Transmissometer (25 cm pathlength) and a General Oceanics 24 bottle rosette sampler. A 12 kHz pinger was mounted in the CTD frame to allow a safe approach to the bottom.

The conductivity, temperature and pressure sensors were calibrated before and after the cruise by Seabird. The pressure sensor required no correction. For temperature and conductivity the following corrections were applied:

Temperature: $T^*(corr) = T^*(raw) - 0.00350^*$ Celsius

Conductivity: C(corr) = C(raw) + 0.000174 Siemens/m

The salinities derived from the corrected CTD conductivities, temperatures and pressures were compared to the salinities derived from the shipboard Guildline Autosal instrument. The CTD salinities agreed with the Autosal water bottle salinities within 0.003 per mille. No further corrections were applied.

The transmissometer was calibrated by SeaTech before the cruise. The instrument was damaged beyond repair at station 25, so no post cruise calibration could be made to determine the instrument drift. Comparison with light transmission data obtained in 1989 in the same area showed a systematic positive offset of one percent at all depths in 1991. This offset has been removed from the data. The profiles of light transmission exhibited some electronic jitter with amplitudes not exceeding 0.2 %. In order to eliminate the jitter, the light transmission profiles were smoothed with a 21 point binomial filter. No further corrections were applied.

The conductivity, temperature, pressure and light transmission data were digitized at 2 dbar intervals. These data formed the basis for all subsequent calculations.

DATA PROCESSING

The calibrated temperature, salinity and pressure data were used to calculate density using the international equation of state for sea water (EOS-80), as given by Gill (1982). Potential temperature was calculated from Bryden's polynomial (Bryden,1973). Sound speed was computed from Wilson's equation (Tolstoy and Clay,1966). The Väisälä frequency was computed from the vertical density gradient and the compressibility term, with the gravity based on the international reference ellipsoid of 1980. A centered difference was used to calculate the vertical density gradient. A quadratic equation was used the calculate depth; the equation involved the integral of specific volume with respect to pressure and a gravity dependent upon latitude and pressure. The transport function was computed as the integral of dynamic height with respect to depth.

The CTD listings and units are as follows:

1.	PRESSURE	pressure in decibars
2.	DEPTH	depth in meters
3.	TEMP	temperature in degrees Celsius
4.	POT.T.	potential temperature in degrees Celsius
5.	SAL	salinity in per mille
6.	SIGMA-θ	potential density - 1000.0 in kg/m^3
7.	SIGMA-Z	density in situ - 1000.0 in kg/m^3
8.	SIGMA-T	density as $f(T,S,0)-1000.0$ in kg/m^3
9.	DELTA	specific volume anomaly in m^3/kg
10.	DYN.HT	dynamic height in $J/kg = m^2/s^2$
11.	LTR	light transmission in per cent
12.	sv	sound speed in m/s
13.	TF	transport function in m^3/s^2
14.	_N 2	Väisälä fequency squared in (radians/s) ²

REFERENCES

- Bryden, H.L., New polynomials for thermal expansion, adiabatic temperature gradient and potential temperature gradient of sea water. Deep Sea Research, 20: 401-408, 1973.
- Gill.A.E., Atmosphere Ocean Dynamics, Academic Press, New York, pp.599-602, 1982.
- Tolstoy, I., and C.S.Clay, Ocean Acoustics, McGraw Hill, p. 293, 1966.

STATION POSITIONS, DEPTHS AND METEOROLOGICAL LOG

Listings of the station positions, times, depths and meteorological observations are given as follows:

- 1. dates and times are given in Greenwich Mean Time.
- depths of the ocean floor are in meters, as obtained from the Universal.Depth Recorder using a constant sound speed of 1500 m/s. No corrections for sound speed variability with depth have been applied.
- 3. atmospheric pressure was read from the barometer on the bridge, of the R/V New Horizon, about 7 m above sea level, and is given in millibars and tenths.
- 4. wind speed and direction were obtained from a readout on the bridge of the R/V New Horizon and are given in knots and degrees true.
- 5. dry and wet bulb temperatures were read from thermometers mounted in a box on the ship's pilot house and are given in degrees Celsius and tenths.

Station Positions Depths Meteorological Log

Ctation	Tatituda	Tanadayda	Donth	7t= =====	Mind	Mind	Dru	Wot	Date	Time
Station	Latitude N	Longitude W	Depth (m)	Atm. pres. (mb)	Wind (kn)	Wind ('true)	Dry Dry	Wet "C	GMT	GMT
0	32°31.86	118.00.13	1598	1018.6	14	280	14.3	12.0	24 April 1991	
1	32.00.00	126.40.45	4210	1025.4	12	260	14.9	12.6	26 April 1991	
2 3	32°02.94 32°04.79	126°42.48 126°52.97	4250 1440	1025.5 1026.5	10 10	340 350	15.8 15.7	13.2 13.1	26 April 1991 26 April 1991	
4	32.02.62	126.55.49	945	1026.8	11	340	15.3	13.1	26 April 1991	
5	32°07.25	126°59.10	1150	1026.6	12	10	15.2	13.2	26 April 1991	
6	32.10.93	127.04.98	4100	1026.2	13	355	15.5	13.0	26 April 1991	
7 8	32°15.29 32°16.11	127°12.05 127°14.95	1500 1040	1025.5 1025.6	13 17	0 345	15.5 15.6	13.5 13.4	27 April 1991 27 April 1991	0227
ğ	32.16.72	127.17.70	2375	1026.8	16	5	16.0	16.0	27 April 1991	
10	32.18.16	127.22.21	4350	1026.8	18	345	15.5	15.5	27 April 1991	
11	32.20.41	127*29.96	4675	1026.8	15	350 5	15.3 15.5	15.3 15.3	27 April 1991 27 April 1991	
12 13	32°22.70 32°24.13	127°37.38 127°41.33	3300 1650	1026.0 1026.3	14 15	0	15.5	15.4	27 April 1991	
14	32.26.57	127.48.01	535	1027.6	15	Ö	15.1	12.7	27 April 1991	
15	32*28.03	127°52.23	1425	1026.3	16	0	14.7	11.6	27 April 1991	2303
16	32.29.20	127.54.71	3150	1026.3	18	10	14.5	11.5	28 April 1991	0053
17 18	32°31.95 32°11.11	128°02.46 128°32.27	4450 4450	1026.6 1027.5	12 10	25 15	14.0 15.0	11.0 12.8	28 April 1991 28 April 1991	0311 0745
19	32 24.32	128 25.64	4385	1027.0	12	20	14.5	12.8	28 April 1991	1035
20	32.38.08	128*18.42	4410	1026.2	14	Ö	14.3	12.3	28 April 1991	1334
21	32.51.57	128.11.62	4660	1026.9	15	15	14.6	11.8	28 April 1991	1636
22	33*05.07	128°04.87	4550 4500	1026.8	15 17	10 5	14.7 16.8	12.0 13.0	28 April 1991 28 April 1991	1933 2230
23 24	32°59.19 32°45.67	127°48.78 127°55.96	4575	1025.7 1024.5	16	5	15.4	12.4	29 April 1991	0123
25	32°31.81	128 02.14	5180	1024.7	12	20	15.5	13.5	29 April 1991	0434
26	32.18.42	128.09.40	4375	1024.9	15	15	15.2	13.5	29 April 1991	0728
27 28	32°04.80 31°59.54	128°16.33 128°01.65	4325 4150	1023.8 1022.8	13 17	0 5	15.2 15.0	13.5 14.0	29 April 1991 29 April 1991	1025 1305
29	32.12.92	127.54.86	4225	1022.9	14	10	14.7	13.0	29 April 1991	1601
30	32°19.55	127°51.55	3535	1022.7	14	10	15.0	12.9	29 April 1991	0819
31	32*23.68	127.49.51	1700	1022.2	13	5	15.1	12.9	29 April 1991	2030
32 33	32°26.45 32°30.85	127°48.02 127°46.12	525 1800	1021.0 1020.3	12 12	340 340	15.1 14.9	13.0 12.7	29 April 1991 29 April 1991	2228 2340
34	32 33.71	127 44.54	3410	1019.6	13	330	14.7	12.5	30 April 1991	0134
35	32.40.11	127°41.21	4375	1019.4	12	325	14.8	12.5	30 April 1991	0348
36	32.54.24	127*34.44	4470	1019.4	12	340	14.5	12.5	30 April 1991	0658
37 38	32°47.28 32°33.82	127°16.29 127°23.18	4325 4310	1018.9 1021.0	14 14	3 20 3 40	14.2 16.7	12.0 13.1	30 April 1991 30 April 1991	1006 2040
39	32.20.51	127°30.22	4225	1021.0	12	340	16.7	13.7	30 April 1991	2339
40	32.06.31	127.37.79	4325	1020.8	12	350	16.1	13.5	1 May 1991	0240
41	31.52.42	127.43.30	4385	1022.4	20	5	15.5	12.8	1 May 1991	0531 0825
42 43	31°47.22 32°01.32	127°29.09 127°22.04	4470 4155	1022.0 1022.0	16 11	0 25	14.7 14.2	10.8 10.3	1 May 1991 1 May 1991	1130
44	32.10.57	127 18.04	3895	1022.6	12	350	14.5	10.0	1 May 1991	1407
45	32 13.45	127°16.32	2750	1023.1	14	330	14.2	10.6	1 May 1991	1611
46 47	32°16.04 32°18.58	127°14.97 127°14.02	1060 2500	1023.0 1022.9	14 16	310 310	15.9 15.1	11.0 9.9	1 May 1991 1 May 1991	1807 1945
48	32 10.30	127 14.02	4175	1022.5	15	315	15.1	10.0	1 May 1991	2147
49	32°28.61	127°08.81	4430	1021.5	15	315	14.7	10.8	1 May 1991	2355
50	32.42.12	127.01.92	4375	1019.6	15	340	14.5	11.2	2 May 1991	
51 52	32°33.71 32°19.47	126°41.43 126°48.63	4340 4265	1021.3 1020.6	12 12	340 0	14.5 14.5	11.5 11.4	2 May 1991 2 May 1991	0553 0840
53	32 12.03	126.52.66	3785	1020.0	12	ŏ	14.5	10.5	2 May 1991	1056
54	32°08.39	126*54.09	2075	1020.4	10	330	14.8	11.0	2 May 1991	1300
55	32.05.59	126*55.46	950 2275	1021.1	12	335	15.1	11.8	2 May 1991	1502
56 57	32°02.61 31°59.94	126°57.53 126°58.94	2375 3750	1021.6 1022.5	10 10	315 320	15.2 15.4	11.6 11.5	2 May 1991 2 May 1991	1628 1821
58	31.53.00	127.03.11	4280	1021.8	12	335	15.8	12.2	2 May 1991	2035
59	31°40.03	127.10.19	4300	1021.1	10	345	15.8	12.1	2 May 1991	2325
60	32.02.89	126.42.52	4180	1020.8	11	350	14.8	11.2	3 May 1991	0354
61 62	32°04.74 32°05.70	126*52.96 126*55.50	1490 1125	1021.4 1021.8	7 7	30 300	14.5 14.5	11.0 10.5	3 May 1991 3 May 1991	0631 0800
63	32.07.31	126.58.96	2630	1021.3	ó	0	14.2	10.5	3 May 1991	0928
64	32.11.13	127 05.08	4100	1021.0	8	270	14.0	10.5	3 May 1991	1130
65 66	32.15.33	127°12.11	2270	1021.2	5	310	14.5	11.5	3 May 1991	1343
66 67	32°16.07 32°16.81	127°15.05 127°17.67	1040 2330	1022.0 1022.7	6 4	325 320	15.6 15.5	11.5 11.0	3 May 1991 3 May 1991	1610 1728
68	32.18.24	127°22.20	4000	1022.7	2	260	17.0	12.4	3 May 1991	1917
69	32°20.51	127°29.84	4225	1021.3	2	260	17.1	11.8	3 May 1991	2113
70	32*22.68	127°37.39	3150 1650	1021.0 1020.4	2 2	340 335	20.5	14.0	3 May 1991	2339
71 72	32°24.14 32°26.55	127°41.37 127°47.99	530	1020.4	0	335	17.4 19.2	12.6 13.4	4 May 1991 4 May 1991	0129 0334
73	32.27.99	127.51.95	1075	1021.3	ŏ	ŏ	18.0	12.8	4 May 1991	0430
74	32°29.48	127°54.81	2835	1021.7	3	180	15.5	12.5	4 May 1991	0834
75	32°32.05	128 * 02 . 57	4440	1021.5	2	160	15.5	12.5	4 May 1991	1051

Station	Latitude N	Longitude W	Depth (m)	Atm. pres. (mb)	Wind (kn)	Wind ("true)	Dry •C	Wet °C	Dat GM1		Time GMT
76	32.10.83	128.32.15	4440	1022.0	(811)	190	17.4	14.0	4 May	1991	1524
77	32°24.39	128°25.62	4375	1022.9	7	145	18.4	14.3	4 May	1991	1806
78	32.38.04	128*18.54	4400	1023.0	6	140	17.7	13.9	4 May	1991	2057
79	32.51.90	128*11.50	4580	1022.7	7	160	16.2	13.2	4 May	1991	2351
80	33.05.35	128.04.89	4550	1022.6	5	100	16.2	13.2	5 May	1991	0235
81	32.59.11	127*48.78	4580	1023.6	2	100	15.8	12.9	5 May	1991	0517
82	32*45.70	127.55.83	4470	1024.0	3	120	15.5	12.8	5 May	1991	0800
83	32°31.90	128.02.64	4445	1023.3	4	110	15.8	12.8	5 May	1991	1057
84	32°18.28	128.09.61	4360	1023.5	5	40	15.7	12.5	5 May	1991	1343
85	32°04.85	128°16.37	4325	1024.7	8	70	16.4	13.0	5 May	1991	1628
86	31°59.52	128°01.72	4150	1025.2	8	40	17.2	13.8	5 May	1991	1902
87	32°13.04	127°54.84	4230	1024.1	10	60	16.5	13.7	5 May	1991	2153
88	32°19.69	127°51.53	3485	1023.6	9	25	16.1	13.2	5 May	1991	2358
89	32°23.61	127°49.49	1725	1024.0	8	40	15.9	13.1	6 May	1991	0150
90	32°26.44	127°48.01	535	1024.8	8	60	16.0	13.0	6 May	1991	0335
91	32°30.65	127°46.07	1850	1025.2	8	60	16.0	13.0	6 May	1991	0436
92	32°33.62	127°44.63	3360	1025.5	7	50	16.0	13.2	6 May	1991	0613
93	32.40.30	127°41.23	4380	1025.0	8	50	15.7	13.2	6 May	1991	0822
94	32.54.49	127°34.30	4470	1024.8	8	0	15.8	13.8	6 May	1991	1117
95	32.47.31	127°16.18	4310	1024.4	8	25	16.2	14.2	6 May	1991	1423
96	32°33.70	127°23.16	4300	1025.5	9	10	17.4	15.0	6 May	1991	1704
97	32*20.47	127.30.13	4225	1025.0	11	40	17.8	14.5	6 May	1991	1940
98	32.06.23	127.37.65	4315	1024.2	7	20	18.2	14.8	6 May	1991	2233
99	31.52.42	127.43.61	4380	1022.9	10	40	16.5	14.3	7 May	1991	0130
100	31.47.24	127 29.06	4470	1023.2	10	50	16.1	14.0	7 May	1991	0410
101	32.01.21	127.22.03	4190	1023.2	8	30	15.8	13.9	7 May	1991	0653
102	32.10.54	127.17.98	3900	1022.9	5	0	15.8	13.8	7 May	1991	0922
103	32*13.74	127.16.22	2490	1022.0	8	345	15.8	13.9	7 May	1991	1125
104 105	32*15.97	127.15.13	1130	1022.0	7	350	15.8	14.0	7 May	1991	1313
105	32*18.58	127*13.92	2480	1022.6	8	350	19.0	15.8	7 May	1991	1433
107	32°21.93 32°28.50	127°11.82 127°08.79	4150	1023.2	7	345	17.3	15.0	7 May	1991	1617
108	32*42.03	127 08.79	4480 4380	1023.5	7	340	17.8	15.1	7 May	1991	1850
109	32.33.71	126.41.40	4345	1022.4 1021.0	4 10	310 295	17.9	15.5	7 May	1991	2141
110	32.19.48	126 41.40	4285	1021.0	9	295 310	20.5 17.2	16.8	8 May	1991	0057
111	32 11.98	126 52.48	3395	1021.6	6	290	16.5	15.2 14.8	8 May	1991	0348
112	32.08.47	126.54.01	2385	1021.8	10	320	16.5	14.8	8 May	1991	0553
113	32.05.64	126.55.55	1040	1021.0	10	310	16.2	14.5	8 May 8 Mav	1991	0746
114	32.02.52	126.57.54	2415	1021.4	12	315	15.2	14.2	8 May 8 May	1991	0946
115	32.00.00	126.59.11	3425	1022.2	12	350	16.3	14.8		1991	1242 1433
116	31.52.90	127.03.05	4275	1023.5	22	0	16.0	13.5	8 May 8 May	1991 1991	1636
117	31°39.91	127*10.10	4310	1024.4	15	0	16.6	12.7	8 May	1991	1912
118	31°34.54	126.54.64	4460	1024.8	17	355	15.9	11.7	9 May	1991	2200
119	31.47.09	126.47.53	4310	1023.6	17	10	15.0	11.5	9 May	1991	0051
120	31.59.87	126.40.02	4165		18	350	14.8	10.8	9 May	1991	0340
121	32*13.31	126*32.32	3730	1025.3	18	350	14.8	10.8	9 May	1991	0628
122	32°27.47	126°25.47	4410	1024.2	20	340	14.5	10.2	9 May	1991	0932
123	32*30.00	126.00.06	4260	1023.4	22	350	14.2	10.1	9 May	1991	1310
								-	2		

CTD Data

Station	0	Latitude	32° 31.	36'N	Longitu	ide 118°	00.13'W	24	Apr 1991	GMT 12	:42		1598 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	$10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	14.528 14.474 14.438 13.570 13.375 12.374 11.483 10.860 10.281 9.814	14.528 14.472 14.435 13.566 13.370 12.368 11.475 10.852 10.272 9.804	33.431 33.429 33.451 33.443 33.433 33.434 33.469 33.498 33.574	24.864 24.877 24.883 25.080 25.114 25.303 25.471 25.610 25.733 25.872	24.864 24.921 24.971 25.213 25.292 25.526 25.740 25.925 26.094 26.278	24.864 24.876 24.882 25.079 25.113 25.301 25.469 25.609 25.732 25.870	307.7 306.8 306.5 288.0 285.0 267.3 251.4 238.3 226.8 213.8	.000 .308 .614 .912 1.199 1.477 1.738 1.982 2.212 2.431	86.8 86.7 86.6 81.7 84.1 87.9 88.7 89.0 89.5	1504.0 1503.9 1504.0 1501.3 1500.8 1497.6 1494.7 1492.7 1490.8 1489.3	.0 1.5 6.1 13.7 24.3 37.6 53.6 72.1 93.0	25.8 4.4 52.0 71.3 242.7 177.0 98.7 45.0
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.5 109.5 119.4 129.4 139.3 149.3 159.2 169.1 179.1	9.607 9.589 9.408 9.231 9.139 9.014 8.965 8.813 8.684 8.623	9.596 9.577 9.395 9.217 9.124 8.998 8.795 8.665 8.665	33.657 33.747 33.817 33.858 33.897 34.003 34.025 34.060 34.088	25.971 26.044 26.129 26.190 26.235 26.234 26.346 26.348 26.435 26.467	26.423 26.541 26.671 26.778 26.868 26.973 27.071 27.158 27.250 27.328	25.969 26.042 26.126 26.187 26.232 26.292 26.344 26.385 26.432 26.463	204.5 197.8 190.0 184.3 180.2 174.8 170.0 166.2 161.9	2.642 2.841 3.035 3.222 3.406 3.755 3.755 3.922 4.086 4.247	89.6 89.5 89.5 89.5 89.6 89.6 89.6	1488.8 1489.1 1488.6 1488.2 1488.1 1487.9 1487.5 1487.2	141.4 168.6 197.8 229.0 261.9 296.7 333.1 371.3 411.1 452.5	126.8 30.8 46.3 34.9 83.8 40.1 51.8 62.6 9.9 30.4
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	198.9 208.9 218.8 228.8 238.7 248.6 258.6 268.5 278.4 288.4	8.496 8.419 8.249 8.128 8.084 7.989 7.869 7.792 7.701 7.609	8.475 8.397 8.226 8.105 8.060 7.964 7.844 7.765 7.674 7.580	34.112 34.120 34.116 34.124 34.129 34.151 34.156 34.167 34.175 34.185	26.505 26.523 26.546 26.571 26.612 26.635 26.655 26.674 26.695	27.413 27.476 27.545 27.615 27.671 27.749 27.817 27.883 27.948 28.015	26.502 26.520 26.543 26.567 26.577 26.609 26.631 26.651 26.670 26.691	155.5 154.0 151.9 149.8 148.9 146.1 144.1 142.3 140.6 138.7	4.404 4.558 4.712 4.862 5.012 5.159 5.304 5.588 5.728	89.6 89.6 89.7 89.7 89.7 89.7 89.7 89.7	1486.9 1486.8 1486.0 1486.0 1485.8 1485.6 1485.4 1485.3 1485.1	495.5 540.0 586.0 633.6 682.6 733.1 785.1 838.5 893.3 949.5	15.2 9.0 42.7 9.8 17.7 26.5 47.9 7.2 23.0 32.9
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.3 308.2 318.1 328.1 338.0 347.9 357.9 367.8 377.7	7.565 7.496 7.461 7.360 7.243 7.113 7.083 6.976 6.838 6.728	7.536 7.465 7.430 7.328 7.210 7.080 7.049 6.941 6.803 6.693	34.193 34.209 34.211 34.214 34.222 34.229 34.235 34.235 34.235 34.235	26.708 26.731 26.737 26.754 26.777 26.800 26.810 26.828 26.852 26.872	28.074 28.142 28.194 28.257 28.326 28.451 28.515 28.515 28.653	26.704 26.726 26.733 26.749 26.772 26.796 26.805 26.823 26.847 26.867	137.7 135.7 135.2 133.7 131.6 129.5 128.7 127.1 124.9 123.0	5.866 6.003 6.138 6.273 6.406 6.536 6.666 6.794 6.794	89.7 89.7 89.7 89.7 89.8 89.8 89.8	1485.1 1485.0 1485.0 1484.8 1484.5 1484.2 1484.2 1484.2 1483.6 1483.4	1007.1 1066.0 1126.3 1187.9 1250.8 1315.0 1380.6 1447.4 1515.4 1584.7	16.5 9.5 15.9 8.9 32.6 14.1 15.3 17.3 8.5
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.5 407.5 417.4 427.3 437.2 447.1 457.1 467.0 476.9	6.685 6.576 6.538 6.494 6.402 6.375 6.342 6.295 6.246 6.155	6.648 6.538 6.500 6.455 6.363 6.334 6.301 6.253 6.204 6.112	34.255 34.264 34.267 34.271 34.277 34.282 34.289 34.295 34.296 34.301	26.880 26.909 26.918 26.935 26.943 26.953 26.963 26.963 26.987	28.707 28.775 28.828 28.883 28.947 29.000 29.056 29.112 29.166 29.229	26.875 26.897 26.904 26.913 26.930 26.938 26.947 26.958 26.965 26.981	122.4 120.3 119.8 119.1 117.5 116.9 116.1 115.2 114.6 113.1	7.166 7.288 7.408 7.528 7.646 7.763 7.879 7.995 8.109	89.8 89.8 89.9 89.9 89.9 89.9	1483.3 1483.1 1483.1 1483.0 1483.0 1483.0 1483.0 1483.0	1655.2 1726.9 1799.8 1873.9 1949.2 2025.6 2103.2 2182.0 2261.8 2342.8	17.9 14.1 2.6 15.8 12.3 16.7 4.7 15.8 19.9
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	496.8 506.6 516.6 526.5 536.4 546.3 556.2 5766.1 586.0	6.107 6.083 6.044 6.018 5.969 5.916 5.845 5.790 5.750	6.063 6.039 5.998 5.972 5.922 5.868 5.797 5.741 5.701	34.305 34.307 34.311 34.313 34.319 34.325 34.333 34.339 34.339 34.342 34.346	26.995 27.001 27.009 27.014 27.024 27.036 27.052 27.063 27.070 27.079	29.283 29.334 29.389 29.440 29.496 29.554 29.616 29.673 29.727 29.782	26.990 26.995 27.003 27.008 27.018 27.030 27.045 27.056 27.064 27.073	112.4 112.0 111.3 110.9 110.1 109.0 107.6 106.6 105.9 105.2	8.336 8.448 8.560 8.671 8.891 9.000 9.107 9.213 9.319	89.9 89.9 90.0 90.1 90.0 89.9 89.9 89.9	1482.7 1482.8 1482.9 1482.9 1482.9 1482.7 1482.7 1482.7 1482.7	2424.9 2508.2 2592.5 2677.9 2764.4 2852.1 2940.7 3030.5 3121.3 3213.2	4.1 3.8 13.5 11.1 5.6 11.1 13.2 12.3 9.1
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	595.9 605.8 615.7 625.6 635.5 645.5 655.3 665.3 675.2	5.694 5.629 5.491 5.413 5.354 5.293 5.215 5.182 5.142 5.082	5.643 5.577 5.439 5.361 5.301 5.239 5.160 5.128 5.086 5.025	34.347 34.355 34.369 34.374 34.379 34.385 34.391 34.394 34.398 34.400	27.082 27.096 27.123 27.137 27.148 27.160 27.174 27.180 27.188 27.197	29.830 29.891 29.966 30.026 30.084 30.142 30.203 30.255 30.310 30.365	27.075 27.090 27.117 27.131 27.142 27.154 27.168 27.174 27.182 27.190	105.1 103.8 101.1 99.9 98.9 97.8 96.4 95.9 95.2 94.4	9.424 9.528 9.631 9.731 9.830 9.929 10.026 10.122 10.218 10.312	89.9 89.8 89.9 89.8 89.8 89.8 89.8	1482.8 1482.7 1482.3 1482.2 1482.1 1482.0 1481.9 1481.9 1481.9	3306.0 3400.0 3494.9 3590.9 3687.8 3785.7 3884.5 3984.4 4085.1 4186.8	3.8 23.7 14.0 7.6 16.9 19.6 10.5 3.2 4.3
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.0 704.9 714.8 724.7 734.6 744.5 754.4 764.3 774.2 784.1	5.057 5.021 4.996 4.995 4.917 4.873 4.842 4.809 4.787 4.755	5.000 4.963 4.938 4.896 4.857 4.812 4.781 4.748 4.724 4.692	34.402 34.406 34.409 34.413 34.416 34.420 34.424 34.427 34.428 34.431	27.201 27.209 27.214 27.222 27.229 27.237 27.243 27.250 27.253 27.259	30.415 30.469 30.520 30.574 30.628 30.682 30.735 30.787 30.837 30.889	27.195 27.202 27.207 27.215 27.222 27.230 27.236 27.243 27.247 27.252	94.1 93.4 93.1 92.4 91.8 91.0 90.5 90.0 89.7 89.2	10.407 10.500 10.594 10.687 10.779 10.870 10.961 11.051 11.141 11.231	89.8 89.8 89.8 89.8 89.8 89.8 89.8 89.8	1481.9 1481.9 1482.0 1482.0 1482.0 1482.0 1482.1 1482.1 1482.2	4289.4 4393.0 4497.5 4602.8 4709.1 4816.3 4924.4 5033.4 5143.3 5254.1	7.8 7.0 2.3 9.6 12.0 3.2 7.9 3.8 4.3 10.8
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.0 803.9 813.8 823.7 833.6 843.5 853.4 863.3 873.2 883.1	4.696 4.655 4.616 4.563 4.563 4.577 4.381 4.350 4.335	4.632 4.591 4.552 4.524 4.496 4.464 4.410 4.314 4.282 4.266	34.435 34.442 34.444 34.446 34.449 34.453 34.463 34.463	27.269 27.276 27.283 27.289 27.299 27.308 27.324 27.330 27.331	30.946 30.999 31.052 31.104 31.154 31.206 31.262 31.326 31.377 31.425	27.262 27.269 27.276 27.281 27.285 27.292 27.301 27.317 27.322 27.324	88.2 87.6 87.0 86.5 86.2 85.7 84.8 83.2 82.7 82.6	11.319 11.407 11.494 11.581 11.667 11.753 11.839 11.922 12.005 12.088	89.8 89.8 89.8 89.8 89.8 89.8 89.8	1482.1 1482.1 1482.2 1482.2 1482.2 1482.2 1482.0 1482.0 1482.1	5365.7 5478.2 5591.6 5705.8 5820.9 5936.8 6053.5 6171.1 6289.5 6408.7	4.0 10.2 3.8 8.2 9.0 7.0 14.0 13.7 2.6
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0 990.0	893.0 902.9 912.8 922.7 932.6 942.5 952.4 962.3 972.2 982.0	4.304 4.241 4.182 4.125 4.109 4.089 4.018 3.963 3.925 3.910	4.234 4.172 4.112 4.054 4.038 4.017 3.946 3.890 3.851 3.836	34.466 34.471 34.487 34.481 34.483 34.488 34.492 34.495 34.496	27.337 27.347 27.358 27.368 27.370 27.374 27.385 27.394 27.400 27.402	31.477 31.535 31.592 31.649 31.697 31.747 31.805 31.861 31.913	27.329 27.340 27.351 27.360 27.362 27.366 27.377 27.386 27.392 27.394	82.2 81.1 80.1 79.2 79.0 78.7 77.6 76.7 76.2	12.170 12.252 12.333 12.412 12.491 12.570 12.648 12.726 12.802 12.878	89.8 89.7 89.7 89.7 89.7 89.7 89.7 89.7	1482.1 1482.1 1482.0 1481.9 1482.0 1482.1 1482.0 1481.9 1481.9	6528.8 6649.6 6771.2 6893.6 7016.8 7140.8 7265.5 7391.0 7517.3 7644.3	9.6 -1.2 24.3 8.7 .2 8.4 4.9 15.2 2.0

Station	0	Latitude	32° 31.	86'N	Longitu	de 118°	00.13'W	24	Apr 1991	GMT 12	2:42	Bottom	1598 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	e1						
db	m	·c	.c	0/00			Sigma-t	Delta	Dyn.Ht	LTR	sv	TP	N ²
			•	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	J/kg	0/0	m/s	m ³ /s ²	10 ⁶ /s ²
1000.0	991.9	3.885	3.811	34.498	27.406	32.012	27.399	75.6	12.954	89.7	1400 1		
1020.0	1011.7	3.821	3.745	34.503	27.417	32.115	27.409	74.7	13.104	89.7	1482.1 1482.2	7772.0	14.0
1040.0	1031.5	3.784	3.707	34.505	27.423	32.213	27.415	74.2	13.253	89.7		8029.7	2.6
1060.0	1051.3	3.761	3.682	34.507	27.427	32.309	27.419	73.9	13.401	89.8	1482.3	8290.4	2.9
1080.0	1071.0	3.735	3.654	34.509	27.431	32.405	27.423	73.7	13.548	89.7	1482.6 1482.8	8553.9	6.1
1100.0	1090.8	3.659	3.578	34.515	27.443	32.511	27.435	72.5	13.694	89.8		8820.3	1.5
1120.0	1110.6	3.622	3.539	34.518	27.449	32.608	27.441	72.0	13.839		1482.8	9089.7	6.7
1140.0	1130.3	3.573	3.489	34.521	27.456	32.708	27.448	71.3	13.982	89.8	1483.0	9361.8	1.5
1160.0	1150.1	3.522	3.437	34.525	27.465	32.809	27.456	70.6	14.124	89.7	1483.1	9636.8	5.3
1180.0	1169.9	3.480	3.394	34.529	27.472	32.909	27.464	70.0		89.7	1483.2	9914.6	-1.2
1200.0	1100 6					32.303	21.404	70.0	14.265	89.7	1483.4	10195.1	. 6
1220.0	1189.6	3.431	3.343	34.532	27.479	33,008	27.471	69.3	14.404	89.7	1483.5	10478.4	
1240.0	1209.4	3.377	3.289	34.536	27.488	33.110	27.479	68.5	14.542	89.7	1483.6	10764.4	8.2 1.5
1260.0	1229.2	3.353	3.263	34.536	27.491	33.204	27.482	68.3	14.679	89.7	1483.8	11053.0	
	1248.9	3.308	3.216	34.541	27.499	33.304	27.490	67.6	14.814	89.7	1484.0		4.2
1280.0	1268.7	3.269	3.177	34.544	27.505	33.403	27.496	67.0	14.949	89.7	1484.2	11344.4	2.1
1300.0	1288.4	3.243	3.149	34.545	27.508	33,498	27.500	66.8	15.083	89.7	1484.4	11638.3	4.2
1320.0	1308.2	3.194	3.099	34.549	27.517	33.599	27.508	66.0	15.216	89.8	1484.5	11934.9	4
1340.0	1327.9	3.134	3.038	34.554	27.526	33.701	27.517	65.1	15.347	89.8	1484.6	12234.1	1.3
1360.0	1347.7	3.117	3.019	34.555	27.528	33.795	27.519	65.0	15.477	89.8	1484.9	12535.9	8.0
1380.0	1367.4	3.043	2.944	34.561	27.540	33.900	27.531	63.8	15.606		1464.9	12840.2	4
1400.0	1387.1	2.998						03.6	13.000	89.8	1484.9	13147.1	5.7
1420.0	1406.9		2.898	34.565	27.547	33.999	27.538	63.1	15,733	89.8	1485.0	13456.4	6.9
1440.0	1426.6	2.951	2.850	34.568	27.554	34.099	27.545	62.4	15.859	89.7	1485.2	13768.2	6.0
1460.0		2.896	2.794	34.572	27.563	34.200	27.553	61.6	15.983	89.7	1485.3	14082.5	4.2
1480.0	1446.3	2.859	2.756	34.575	27.568	34.298	27.559	61.1	16.106	89.7	1485.4	14399.1	2.2
1500.0	1466.1	2.829	2.724	34.577	27.572	34.394	27.563	60.7	16.227	89.8	1485.6	14718.1	7.5
1520.0	1485.8	2.766	2.660	34.582	27.582	34.497	27.573	59.7	16.347	89.8	1485.7	15039.5	3.7
1540.0	1505.5	2.750	2.643	34.583	27.584	34.591	27.575	59.5	16.466	89.8	1486.0	15363.2	
	1525.3	2.744	2.635	34.584	27.586	34.683	27.576	59.5	16.586	89.8	1486.3		7
1560.0	1545.0	2.732	2.622	34.585	27.588	34.776	27.578	59.4	16.704	89.8	1486.6	15689.2	2.2
1580.0	1564.7	2.726	2.614	34.586	27.589	34.868	27.580	59.4	16.823			16017.6	.5
1600.0	1584.4	2 212						33.7	14.623	89.8	1486.9	16348.2	1
1620.0		2.718	2.605	34.587	27.591	34.960	27.581	59.4	16.942	89.8	1487.2	16681.2	1.4
1640.0	1604.2	2.694	2.579	34.590	27.595	35.056	27.585	59.0	17.060	89.8	1487.4	17016.5	1.4
	1623.9	2.689	2.573	34.589	27.595	35.147	27.585	59.1	17.178	89.8	1487.7	17354.0	1.4
1660.0	1643.6	2.677	2.559	34.591	27.598	35.241	27.587	58.9	17.296	89.8	1488.0		. 9
1662.0	1645.6	2.678	2.560	34.591	27.597	35.250	27.587	58.9	17.308	89.8		17693.9	9
									1,.300	97.0	1488.0	17728.0	.0

Station	1	Latitude	32° 00.00	N.N	Longitu	ide 126°			Apr 1991			Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	-	10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	14.860 14.860 14.847 14.387 14.236 14.128 14.134 13.789 13.789	14.859 14.844 14.383 14.230 14.121 14.125 13.926 13.778	33.171 33.168 33.168 33.158 33.152 33.146 33.140 33.141 33.129 33.120	24.593 24.591 24.594 24.684 24.712 24.730 24.740 24.766 24.788 24.810	24.593 24.635 24.683 24.817 24.889 24.952 25.006 25.077 25.142 25.209	24.593 24.591 24.594 24.684 24.711 24.729 24.738 24.764 24.785 24.807	333.5 334.0 334.0 325.7 323.3 321.9 321.3 319.0 317.2 315.3	.000 .334 .668 .997 1.321 1.644 1.966 2.286 2.604 2.920	89.6 89.6 89.8 89.7 89.7 89.6 89.1 89.0	1504.7 1504.9 1505.0 1503.6 1503.3 1503.1 1503.3 1502.8 1502.8	.0 1.7 6.7 15.0 26.5 41.3 59.3 80.4 104.8 132.3	.0 .1 22.3 30.8 15.2 13.8 16.7 62.3 12.3 29.8
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.1	13.446 12.989 11.700 10.771 10.138 9.719 9.466 9.337 9.294 9.161	12.974 11.685 10.756 10.122 9.703 9.449 9.318 9.275	33.136 33.119 33.083 33.078 33.126 33.221 33.325 33.403 33.503 33.623	24.863 24.941 25.159 25.323 25.469 25.613 25.736 25.817 25.903 26.018	25.307 25.431 25.696 25.907 26.100 26.291 26.459 26.586 26.717 26.877	24.860 24.939 25.156 25.320 25.466 25.610 25.733 25.815 25.899 26.014	310.5 303.2 282.5 267.0 253.1 239.5 228.0 220.4 212.6 201.8	3.233 3.542 3.832 4.109 4.370 4.616 4.848 5.073 5.290 5.498	88.8 89.3 89.6 89.8 90.0 90.2 90.2 90.2 90.2	1501.7 1500.3 1496.8 1490.8 1489.5 1488.7 1488.7 1488.8 1488.6	162.9 196.7 233.4 272.9 315.1 359.8 406.9 456.2 507.8 561.4	41.8 136.3 -2.8 132.6 176.4 120.7 65.3 60.1 152.0 145.0
200.0 210.0 220.0 230.0 240.0 250.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.8 248.8 258.7 268.6 278.6 288.5	8.964 8.771 8.719 8.626 8.521 8.305 8.207 8.107 8.107	8.749 8.696 8.602 8.496 8.280 8.181 8.079 7.983	33.705 33.803 33.875 33.928 33.939 33.971 33.982 33.994 34.019 34.016	26.114 26.221 26.285 26.342 26.367 26.424 26.447 26.472 26.506 26.534	27.019 27.172 27.282 27.384 27.455 27.559 27.628 27.698 27.778 27.853	26.110 26.217 26.281 26.338 26.363 26.420 26.444 26.468 26.502 26.530	192.8 182.8 176.9 171.7 169.4 164.1 162.0 159.8 156.7	5.697 5.884 6.063 6.236 6.406 6.574 6.737 6.897 7.056	90.2 90.2 90.3 90.2 90.3 90.3 90.3	1488.1 1487.7 1487.8 1487.7 1487.4 1486.8 1486.6 1486.4 1486.2 1485.6	617.1 674.6 734.0 795.1 857.9 922.4 988.5 1056.2 1125.5 1196.4	102.2 130.3 94.9 43.3 25.4 64.1 36.8 24.5 15.1 31.8
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	7.749 7.735 7.550 7.337 7.453 7.366 7.309 7.135 6.768 6.820	7.705 7.519 7.305 7.421 7.333 7.275 7.101 6.733	34.040 34.063 34.065 34.050 34.085 34.094 34.093 34.093 34.063 34.063	26.561 26.581 26.610 26.628 26.639 26.659 26.667 26.691 26.717 26.733	27.925 27.992 28.066 28.132 28.188 28.253 28.307 28.378 28.453 28.453	26.556 26.577 26.605 26.624 26.635 26.654 26.662 26.686 26.712 26.729	151.7 149.9 147.3 145.5 144.7 143.0 142.4 140.1 137.5 136.2	7.364 7.514 7.663 7.809 7.954 8.098 8.241 8.382 8.521 8.658	90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4	1485.6 1485.7 1485.2 1484.5 1485.2 1485.0 1484.9 1484.4 1483.1 1483.5	1268.8 1342.7 1418.0 1494.8 1573.1 1652.8 1733.9 1816.4 1900.3 1985.5	26.2 26.5 21.2 5.4 5.1 3.6 9.5 17.4 12.3 30.8
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0 490.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1 487.0	6.571 6.388 6.326 6.210 6.144 6.017 5.906 5.966 5.867 5.849	6.352 6.289 6.172 6.105 5.978 5.867 5.925 5.826	34.075 34.073 34.095 34.110 34.122 34.116 34.134 34.134 34.141 34.156	26.753 26.775 26.801 26.827 26.846 26.857 26.871 26.878 26.896 26.910	28.581 28.651 28.723 28.796 28.861 28.919 28.979 29.031 29.096 29.156	26.748 26.771 26.796 26.823 26.841 26.852 26.866 26.873 26.891 26.905	134.2 132.1 129.8 127.3 125.7 124.6 123.3 122.8 121.2 119.9	8.793 8.926 9.057 9.186 9.312 9.437 9.561 9.806 9.806	90.5 90.5 90.5 90.5 90.6 90.6 90.5 90.5	1482.7 1482.1 1482.0 1481.8 1481.7 1481.3 1481.0 1481.5 1481.2 1481.3	2072.1 2160.1 2249.3 2339.8 2431.6 2524.6 2618.8 2714.3 2811.0 2908.8	40.1 19.0 32.7 21.9 4.9 17.8 3.4 10.2 20.7
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	496.9 506.9 516.8 526.7 536.5 556.4 576.3 586.2	5.779 5.738 5.759 5.694 5.644 5.326 5.445 5.390 5.266 5.197	5.695 5.715 5.649 5.599 5.281	34.162 34.165 34.184 34.183 34.199 34.170 34.205 34.208 34.213 34.221	26.924 26.931 26.943 26.951 26.970 26.985 26.998 27.007 27.026 27.041	29.216 29.270 29.327 29.382 29.446 29.511 29.569 29.624 29.690 29.751	26.918 26.926 26.938 26.946 26.964 26.979 26.993 27.002 27.020 27.035	118.7 118.1 117.1 116.4 114.7 113.0 112.0 111.2 109.4 108.1	10.046 10.165 10.282 10.399 10.514 10.628 10.741 10.852 10.963 11.072	90.6 90.6 90.5 90.5 90.5 90.5 90.5	1481.2 1481.5 1481.4 1481.4 1480.2 1480.9 1480.9 1480.5 1480.4	3007.9 3108.1 3209.5 3312.1 3415.8 3520.6 3626.5 3733.6 3841.7 3950.9	16.0 6.6 12.2 9.0 15.7 3.1 29.5 16.0 8.9
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.8 645.7 655.6 665.5 675.4 685.3	5.275 5.148 5.054 5.129 5.053 5.063 5.066 5.029 5.010 4.984	5.099 5.004 5.078 5.002 5.010 5.013 4.975 4.956	34.244 34.239 34.246 34.274 34.277 34.289 34.302 34.312 34.317 34.324	27.050 27.060 27.077 27.090 27.102 27.111 27.120 27.133 27.139 27.147	29.805 29.864 29.927 29.985 30.043 30.097 30.152 30.211 30.263 30.318	27.044 27.055 27.072 27.085 27.096 27.104 27.114 27.127 27.132 27.141	107.4 106.4 104.8 103.8 102.7 102.0 101.2 100.1 99.7 98.9	11.180 11.286 11.392 11.496 11.600 11.702 11.804 11.904 12.004 12.103	90.5 90.4 90.4 90.4 90.4 90.3 90.3	1480.9 1480.6 1480.9 1480.9 1480.7 1481.1 1481.2 1481.3	4061.2 4172.6 4285.0 4398.4 4512.8 4628.3 4744.8 4862.2 4980.7 5100.1	12.8 8.1 7.2 10.1 10.7 8.7 11.0 14.8 6.9
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0	695.2 705.1 715.0 724.9 734.8 754.6 764.5 774.4 784.3	4.909 4.876 4.850 4.823 4.792 4.768 4.808 4.727 4.673	4.819 4.793 4.765 4.733 4.731 4.707 4.746 4.665	34.333 34.339 34.339 34.350 34.352 34.368 34.372 34.380 34.380 34.380	27.163 27.172 27.175 27.187 27.191 27.205 27.211 27.213 27.226 27.236	30.381 30.435 30.484 30.542 30.593 30.652 30.704 30.751 30.811 30.867	27.157 27.165 27.168 27.180 27.185 27.198 27.204 27.206 27.219 27.229	97.4 96.7 96.5 95.4 95.0 93.4 93.4 92.1	12.202 12.299 12.395 12.491 12.586 12.681 12.775 12.868 12.961 13.052	90.3 90.3 90.3 90.3 90.3 90.3 90.2 90.2	1481.2 1481.3 1481.3 1481.4 1481.6 1481.6 1482.0 1481.8 1481.8	5220.5 5341.9 5442.2 5587.4 5711.6 5836.8 5962.8 6089.8 6217.7 6346.5	7.5 11.0 3.4 6.9 1.4 7.2 4.9 9.6 12.5 21.0
800.0 810.0 820.0 830.0 840.0 850.0 860.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.564 4.512 4.465 4.408 4.383 4.360 4.309 4.309 4.319 4.298	4.401 4.344 4.318 4.295 4.242 4.242 4.251 4.229	34.384 34.383 34.384 34.393 34.393 34.394 34.400 34.410 34.418 34.424	27.243 27.248 27.254 27.267 27.270 27.273 27.284 27.292 27.297 27.304	30.923 30.974 31.027 31.086 31.135 31.185 31.242 31.296 31.346 31.399	27.237 27.241 27.247 27.260 27.263 27.266 27.277 27.285 27.289 27.297	90.4 90.0 89.4 88.2 87.9 87.7 86.7 86.0 85.7	13.143 13.233 13.323 13.412 13.500 13.588 13.675 13.761 13.847 13.932	90.2 90.2 90.2 90.3 90.2 90.2 90.2 90.2	1481.5 1481.4 1481.3 1481.4 1481.5 1481.5 1481.6 1481.8 1481.9	6476.2 6606.8 6738.2 6870.6 7003.8 7137.8 7272.8 7408.6 7545.2 7682.7	7.5 6.6 3.4 5.2 1.7 10.5 1.7 3.1 2.0 4.9
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.8 932.8 942.7 952.6 962.5 972.4 982.3	4.312 4.286 4.208 4.198 4.178 4.162 4.129 4.091 4.043 4.024	4.137 4.127 4.106 4.089 4.056 4.017 3.968	34.433 34.434 34.436 34.439 34.440 34.451 34.454 34.456 34.457 34.458	27.310 27.313 27.323 27.327 27.330 27.340 27.346 27.352 27.357 27.361	31.450 31.500 31.557 31.606 31.656 31.712 31.764 31.816 31.868 31.918	27.303 27.306 27.316 27.319 27.322 27.332 27.338 27.344 27.350 27.353	84.7 84.4 83.4 83.1 82.9 82.0 81.5 80.9 80.4	14.017 14.102 14.186 14.269 14.352 14.435 14.517 14.598 14.678 14.759	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1482.1 1482.2 1482.0 1482.2 1482.2 1482.4 1482.4 1482.4 1482.4	7821.0 7960.1 8100.0 8240.8 8382.4 8524.8 8668.0 8812.1 8956.9 9102.4	5.5 4.9 10.8 2.6 3.2 2.6 2.9 6.7

Station	1	Latitude	32. 00.	00'N	Longitu	de 126°	40.45'W	26	Apr 1991	GMT 14	1:16	Bottom	4210 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m ³ /s ²	N ² 10 ⁶ /s ²
1000.0 1020.0 1040.0 1060.0 1080.0 1100.0 1120.0 1122.0	992.2 1011.9 1031.7 1051.5 1071.3 1091.1 1110.8 1112.8	4.004 3.945 3.866 3.815 3.766 3.718 3.669 3.652	3.928 3.788 3.788 3.736 3.686 3.636 3.586	34.464 34.469 34.476 34.479 34.487 34.491 34.496 34.497	27.367 27.377 27.391 27.399 27.410 27.419 27.427 27.427	31.971 32.073 32.179 32.280 32.383 32.484 32.586 32.597	27.360 27.369 27.383 27.391 27.402 27.410 27.419 27.421	79.6 78.7 77.4 76.7 75.7 74.9 74.2 73.9	14.838 14.997 15.153 15.307 15.459 15.610 15.759	90.2 90.2 90.2 90.2 90.2 90.3 90.3	1482.5 1482.6 1482.6 1482.8 1482.9 1483.0 1483.1	9248.8 9543.9 9842.1 10143.3 10447.5 10754.6 11064.7	2.3 5.8 .0 10.2 4.4 2.3 6.2

Station	2	Latitude	32° 02.	94'N	Longit	ude 126°	42.48'W	26	Apr 1991	GMT 1	5:48	Bottom	4250 m
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg		LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 79.7	14.906 14.904 14.834 14.420 14.267 14.229 14.130 14.111 14.116 14.018	14.906 14.903 14.831 14.415 14.261 14.221 14.121 14.101 14.105 14.005	33.163 33.161 33.160 33.153 33.147 33.147 33.141 33.151 33.151	24.577 24.576 24.591 24.674 24.702 24.710 24.726 24.730 24.737 24.758	24.577 24.621 24.679 24.806 24.879 24.932 24.992 25.040 25.05	24.577 24.576 24.590 24.673 24.701 24.709 24.724 24.728 24.735 24.756	335.1 335.4 334.4 326.7 324.3 323.8 322.5 322.5 322.1 320.3	.000 .335 .671 1.000 1.325 1.650 1.973 2.296 2.618 2.939	89.6 89.7 89.8 89.8 89.8 89.7 89.7	1504.8 1505.0 1504.9 1503.7 1503.4 1503.3 1503.6 1503.6	.0 1.7 6.7 15.0 26.6 41.4 59.5 80.7 105.2 132.9	.0 1.0 117.2 19.1 15.8 9.4 11.7 4.1 7.9 16.1
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 179.2 189.1	13.312 11.971 11.162 10.529 10.390 10.012 9.494 9.195 9.219 9.132	13.299 11.957 11.147 10.514 10.374 9.995 9.476 9.177 9.200 9.111	33.121 33.066 33.076 33.194 33.243 33.292 33.362 33.424 33.538 33.578	24.879 25.096 25.252 25.455 25.518 25.619 25.760 25.856 25.942 25.988	25.323 25.587 25.791 26.040 26.148 26.296 26.483 26.626 26.757 26.848	24.876 25.093 25.250 25.452 25.515 25.617 25.757 25.853 25.8939 25.985	309.0 288.4 273.5 254.3 248.6 239.0 225.7 216.7 204.6	3.256 3.553 3.835 4.100 4.351 4.597 4.831 5.050 5.262 5.469	89.5 89.5 89.7 89.8 89.8 89.9 90.1 90.2 90.2	1501.2 1496.7 1494.1 1492.1 1491.8 1490.7 1489.0 1488.6 1488.6	163.7 197.6 234.4 273.9 315.9 360.5 407.4 456.5 507.8 561.1	223.9 93.6 66.2 119.7 16.3 242.3 232.5 90.2 28.1 58.0
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.8 248.8 258.7 268.6 278.6 288.5	9.035 8.880 8.739 8.608 8.378 8.263 8.164 8.073 7.944 7.835	9.014 8.858 8.716 8.584 8.354 8.238 8.138 8.046 7.916 7.806	33.709 33.830 33.872 33.934 33.965 33.983 33.991 33.996 34.004 34.012	26.106 26.225 26.280 26.349 26.408 26.461 26.461 26.505 26.527	27.011 27.176 27.277 27.392 27.497 27.575 27.642 27.705 27.777 27.846	26.102 26.222 26.276 26.345 26.404 26.436 26.457 26.475 26.500 26.523	193.6 182.4 177.4 171.0 165.4 162.5 160.7 159.1 156.8 154.8	5.670 5.859 6.039 6.213 6.381 6.545 6.707 7.025 7.181	90.2 90.2 90.2 90.3 90.3 90.3 90.3	1488.4 1488.2 1487.8 1486.9 1486.7 1486.5 1486.3 1486.0 1485.7	616.5 673.8 732.9 793.8 856.4 920.6 986.5 1053.9 1122.9 1193.4	119.2 142.0 64.4 65.6 57.9 38.3 19.8 29.5 39.7
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.4 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	7.719 7.612 7.450 7.368 7.131 7.153 7.072 7.030 7.006 6.749	7.689 7.582 7.419 7.337 7.039 7.120 7.039 6.996 6.970 6.713	34.019 34.033 34.030 34.049 34.036 34.057 34.064 34.084 34.103 34.084	26.549 26.576 26.596 26.623 26.646 26.660 26.676 26.716 26.736	27.914 27.987 28.054 28.127 28.197 28.256 28.318 28.386 28.449 28.518	26.544 26.571 26.592 26.619 26.642 26.655 26.671 26.693 26.711 26.732	152.8 150.4 148.4 146.0 143.9 142.7 141.3 139.3 137.8 135.8	7.334 7.486 7.635 7.783 7.928 8.071 8.213 8.354 8.492 8.629	90.3 90.4 90.4 90.4 90.4 90.4 90.4 90.4	1485.4 1485.2 1484.7 1484.6 1483.8 1484.1 1484.0 1484.0 1484.1 1483.2	1265.5 1339.1 1414.2 1490.7 1568.7 1648.2 1729.0 1811.2 1894.8 1979.8	12.4 18.0 30.3 14.4 11.8 11.2 21.7 24.1 14.7 20.5
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1 487.0	6.472 6.567 6.365 6.389 6.190 6.120 6.053 5.988 5.989 5.905	6.437 6.530 6.328 6.351 6.151 6.081 6.013 5.947 5.917 5.863	34.070 34.115 34.095 34.114 34.104 34.107 34.112 34.126 34.126 34.138	26.762 26.785 26.796 26.808 26.826 26.837 26.849 26.868 26.873 26.889	28.591 28.659 28.717 28.775 28.840 28.898 28.956 29.022 29.072 29.134	26.757 26.780 26.791 26.803 26.821 26.832 26.844 26.863 26.868 26.883	133.3 131.3 130.3 129.3 127.6 126.6 125.5 123.7 123.4 122.0	8.764 8.896 9.027 9.156 9.285 9.412 9.538 9.662 9.786 9.909	90.5 90.5 90.5 90.5 90.5 90.5 90.5 90.5	1482.3 1482.9 1482.5 1482.5 1481.8 1481.7 1481.6 1481.5 1481.5	2066.1 2153.8 2242.7 2332.9 2424.4 2517.1 2611.2 2706.4 2802.9 2900.5	25.4 15.8 19.6 22.5 15.5 21.9 12.2 2.8 21.6
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	496.9 506.9 516.8 526.7 536.6 546.5 556.4 576.3 586.2	5.862 5.824 5.749 5.742 5.717 5.679 5.637 5.637 5.463	5.819 5.781 5.705 5.697 5.632 5.632 5.589 5.508 5.414	34.151 34.160 34.165 34.180 34.186 34.194 34.203 34.213 34.213	26.904 26.917 26.929 26.943 26.951 26.962 26.970 26.982 26.992 27.012	29.196 29.254 29.314 29.373 29.426 29.483 29.537 29.595 29.595 29.719	26.899 26.911 26.924 26.937 26.945 26.956 26.964 26.986 27.006	120.6 119.6 118.4 117.2 116.6 115.7 115.0 113.9 113.1 111.1	10.030 10.150 10.269 10.387 10.504 10.620 10.735 10.850 10.963 11.075	90.5 90.5 90.5 90.5 90.6 90.4 90.4	1481.6 1481.4 1481.6 1481.7 1481.7 1481.7 1481.8 1481.9 1481.7	2999.4 3099.5 3200.8 3303.2 3406.8 3511.5 3617.4 3724.4 3832.5 3941.8	2.0 16.3 12.5 14.6 4.0 4.6 7.0 12.8 22.8 21.3
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.7 645.7 655.6 665.5 675.4 685.3	5.466 5.437 5.388 5.348 5.149 5.167 5.167 5.053 4.984	5.416 5.386 5.336 5.296 5.097 5.095 5.113 5.128 4.998 4.928	34.250 34.263 34.278 34.286 34.273 34.283 34.305 34.305 34.323 34.323	27.032 27.046 27.063 27.075 27.088 27.096 27.111 27.124 27.131 27.145	29.785 29.844 29.908 29.965 30.027 30.081 30.142 30.200 30.255 30.315	27.026 27.040 27.057 27.068 27.081 27.090 27.105 27.118 27.125 27.138	109.4 108.2 106.6 105.6 104.2 103.5 102.2 101.2 100.4 99.2	11.186 11.294 11.402 11.508 11.613 11.716 11.819 11.921 12.021 12.121	90.4 90.4 90.4 90.3 90.3 90.3 90.3	1481.7 1481.8 1481.8 1481.8 1481.1 1481.3 1481.6 1481.8 1481.4	4052.1 4163.5 4276.0 4389.5 4504.1 4619.7 4736.3 4853.9 4972.5 5092.1	11.1 36.2 12.5 7.8 8.7 5.2 6.4 24.2 3.6
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 734.6 764.5 774.4 784.3	4.974 4.894 4.877 4.856 4.806 4.762 4.746 4.731 4.708 4.659	4.918 4.837 4.819 4.797 4.747 4.702 4.686 4.669 4.646 4.597	34.327 34.327 34.338 34.349 34.356 34.355 34.359 34.364 34.369 34.379	27.151 27.160 27.171 27.183 27.193 27.198 27.202 27.209 27.215 27.229	30.367 30.423 30.480 30.537 30.594 30.646 30.696 30.748 30.801 30.861	27.145 27.154 27.164 27.176 27.187 27.191 27.196 27.202 27.208 27.222	98.7 97.8 96.9 95.9 94.5 94.1 93.6 93.1	12.220 12.318 12.415 12.511 12.607 12.702 12.796 12.890 12.983 13.076	90.3 90.3 90.2 90.2 90.2 90.3 90.3 90.3	1481.4 1481.3 1481.4 1481.5 1481.4 1481.5 1481.5 1481.6 1481.7	5212.7 5334.3 5456.8 5580.2 5704.6 5830.0 5956.2 6083.4 6211.5 6340.6	4.6 16.6 16.0 .8 14.0 -1.0 2.3 1.7 3.1 27.7
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.596 4.560 4.536 4.517 4.514 4.439 4.435 4.372 4.373 4.362	4.533 4.496 4.471 4.452 4.448 4.372 4.368 4.305 4.304 4.293	34.382 34.389 34.395 34.405 34.405 34.412 34.421 34.421 34.425 34.434	27.238 27.248 27.255 27.260 27.266 27.279 27.287 27.292 27.296 27.305	30.916 30.973 31.026 31.077 31.128 31.189 31.242 31.294 31.344 31.399	27.231 27.241 27.248 27.253 27.258 27.272 27.279 27.285 27.289 27.298	91.0 90.1 89.5 89.0 88.6 87.3 86.2 85.9 85.1	13.167 13.258 13.347 13.437 13.526 13.613 13.700 13.787 13.873 13.958	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1481.6 1481.7 1481.7 1481.8 1481.9 1481.8 1482.0 1482.0 1482.0	6470.5 6601.3 6733.0 6865.6 6865.6 7133.4 7268.6 7404.6 7541.5 7679.2	6.4 7.2 5.5 6.4 7.8 9.0 8.1 1.7 11.4
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.321 4.280 4.265 4.230 4.168 4.128 4.102 4.059 4.031 4.012	4.251 4.210 4.194 4.159 4.096 4.029 3.986 3.957 3.937	34.437 34.438 34.441 34.445 34.447 34.449 34.452 34.455 34.458	27.312 27.317 27.321 27.327 27.335 27.340 27.345 27.352 27.352 27.357	31.452 31.504 31.554 31.606 31.661 31.712 31.763 31.817 31.869 31.919	27.305 27.310 27.314 27.320 27.328 27.333 27.337 27.344 27.350 27.354	84.5 84.0 83.7 83.1 82.4 81.5 80.8 80.4	14.043 14.127 14.211 14.295 14.377 14.460 14.541 14.622 14.703 14.783	90.2 90.2 90.2 90.2 90.2 90.2 90.3 90.2 90.2	1482.2 1482.2 1482.3 1482.3 1482.2 1482.2 1482.3 1482.3 1482.3	7817.8 7957.1 8097.4 8238.4 8380.2 8522.9 8666.3 8810.6 8955.6 9101.5	6.7 7.6 12.6 5.2 8.4 1.4 14.0 6.7 3.8 6.4

Station	2	Latitude	32° 02.	94'N	Longitu	de 126°	42.48'W	26	Apr 1991	GMT 1	5:48	Bottom	4250 m
Pres. db	Depth m	Temp. °C	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m3/s2	N ² 10 ⁶ /s ²
1000.0 1020.0 1040.0 1060.0 1080.0 1100.0	992.2 1011.9 1031.7 1051.5 1071.3 1091.1	3.982 3.949 3.901 3.833 3.769 3.741	3.906 3.872 3.822 3.753 3.689 3.659	34.460 34.467 34.472 34.476 34.485 34.490	27.367 27.375 27.384 27.395 27.408 27.415	31.971 32.071 32.172 32.275 32.382	27.359 27.367 27.376 27.387 27.400	79.6 78.8 78.1 77.1 75.9	14.863 15.021 15.178 15.333 15.486	90.2 90.3 90.2 90.2 90.2	1482.4 1482.6 1482.8 1482.8 1482.9	9248.1 9543.7 9842.3 10144.0 10448.8	4.4 3.8 5.0 7.9 2.3
1120.0 1140.0 1160.0 1180.0	1110.8 1130.6 1150.3 1170.1	3.689 3.607 3.535 3.490	3.606 3.523 3.450 3.404	34.493 34.495 34.501 34.503	27.422 27.432 27.444 27.450	32.481 32.580 32.683 32.789 32.887	27.407 27.414 27.424 27.436 27.442	75.3 74.7 73.7 72.5 72.0	15.638 15.788 15.936 16.082 16.227	90.2 90.3 90.3 90.3	1483.1 1483.2 1483.2 1483.2 1483.4	10756.5 11067.1 11380.7 11697.1 12016.4	5.3 7.9 7.9 6.2 3.0
1200.0 1220.0 1240.0 1260.0 1280.0 1300.0	1189.9 1209.6 1229.4 1249.2 1268.9 1288.7 1308.4	3.444 3.389 3.331 3.295 3.250 3.218 3.184	3.356 3.300 3.241 3.203 3.158 3.124 3.089	34.507 34.510 34.517 34.520 34.524 34.528 34.532	27.458 27.466 27.477 27.483 27.491 27.497 27.503	32.987 33.088 33.191 33.289 33.390 33.487	27.450 27.458 27.468 27.474 27.482 27.488	71.3 70.6 69.5 69.0 68.3 67.8	16.370 16.512 16.652 16.791 16.928 17.064	90.3 90.3 90.3 90.3 90.3	1483.5 1483.6 1483.7 1483.9 1484.1 1484.3	12338.5 12663.4 12991.0 13321.4 13654.4 13990.2	1.8 6.8 4.7 2.4 2.4
1340.0 1360.0 1380.0 1400.0	1328.2 1347.9 1367.7 1387.4	3.143 3.099 3.073 3.030	3.047 3.002 2.974 2.930	34.535 34.538 34.539 34.545	27.510 27.516 27.520 27.528	33.586 33.685 33.783 33.879 33.980	27.494 27.501 27.507 27.511 27.519	67.2 66.6 66.0 65.8 65.0	17.199 17.333 17.466 17.597	90.3 90.4 90.4 90.4	1484.4 1484.6 1484.8 1485.0	14328.5 14669.5 15013.1 15359.2	5.7 3.9 1.9 4.2
1420.0 1440.0 1460.0 1480.0 1500.0 1520.0	1407.1 1426.9 1446.6 1466.3 1486.1 1505.8	3.011 2.974 2.944 2.901 2.864 2.842	2.910 2.872 2.840 2.796 2.758 2.734	34.546 34.549 34.551 34.555 34.557 34.559	27.531 27.537 27.542 27.548 27.554 27.557	34.074 34.172 34.268 34.367 34.465 34.559	27.522 27.527 27.532 27.539 27.544 27.547	64.8 64.3 63.8 63.2 62.7	17.858 17.987 18.115 18.242 18.368	90.4 90.3 90.4 90.4	1485.4 1485.6 1485.8 1485.9 1486.1	16059.2 16413.0 16769.2 17128.0 17489.2	2.8 5.4 9.8 6.6 1
1540.0 1560.0 1580.0 1600.0 1620.0	1525.5 1545.3 1565.0 1584.7	2.806 2.764 2.730 2.699	2.697 2.654 2.618 2.586	34.562 34.565 34.569 34.571	27.562 27.569 27.576 27.579	34.657 34.756 34.855 34.950	27.553 27.559 27.566 27.569	62.5 61.9 61.3 60.7	18.493 18.617 18.740 18.862 18.983	90.4 90.3 90.4 90.4	1486.3 1486.5 1486.7 1486.9 1487.1	17852.8 18218.9 18587.4 18958.2	1.1 7 4.0 2.9
1640.0 1660.0 1680.0 1700.0 1720.0 1740.0 1760.0	1604.4 1624.2 1643.9 1663.6 1683.3 1703.0 1722.7 1742.4 1762.1	2.653 2.615 2.583 2.546 2.511 2.478 2.452 2.417 2.400	2.539 2.500 2.467 2.429 2.393 2.359 2.330 2.294 2.276	34.575 34.576 34.579 34.582 34.583 34.587 34.590 34.593	27.586 27.591 27.596 27.601 27.606 27.612 27.616 27.622 27.625	35.050 35.147 35.243 35.341 35.438 35.535 35.631 35.729 35.823	27.576 27.581 27.586 27.591 27.596 27.602 27.606 27.612 27.614	59.6 59.7 58.7 57.1 57.1 56.2 55.9	19.103 19.222 19.340 19.457 19.573 19.688 19.801 19.914 20.026	90.4 90.4 90.4 90.4 90.4 90.4 90.4	1487.2 1487.4 1487.6 1487.8 1487.9 1488.1 1488.4 1488.5 1488.8	19707.0 20084.9 20465.1 20847.5 21232.2 21619.2 22008.3 22399.7 22793.2	1.7 6.4 5.8 7.3 4.4 8.2 5.9
1800.0 1820.0 1840.0 1860.0 1980.0 1920.0 1940.0 1960.0 1980.0	1781.8 1801.5 1821.2 1840.9 1860.6 1880.3 1900.0 1919.7 1939.4 1959.1	2.375 2.352 2.338 2.315 2.286 2.258 2.229 2.205 2.185 2.170	2.250 2.225 2.210 2.185 2.155 2.126 2.095 2.070 2.049 2.032	34.596 34.598 34.598 34.602 34.603 34.606 34.610 34.612 34.613	27.628 27.632 27.633 27.638 27.642 27.646 27.651 27.655 27.658	35.917 36.013 36.105 36.201 36.297 36.393 36.490 36.585 36.585 36.772	27.617 27.621 27.623 27.627 27.631 27.635 27.640 27.644 27.647 27.649	55.6 55.3 55.2 54.7 54.4 53.4 53.1 52.6	20.138 20.249 20.359 20.469 20.578 20.687 20.794 20.900 21.006 21.112	90.4 90.4 90.5 90.4 90.4 90.4 90.4	1489.0 1489.3 1489.6 1489.8 1490.0 1490.2 1490.4 1490.7 1490.9	23188.9 23586.7 23986.7 24388.9 24793.1 25199.5 25607.9 26018.4 26430.9	4.1 5.5 2.5 2.5 2.5 2.2 2.8
2000.0 2050.0 2100.0 2100.0	1978.8 2028.0 2077.2 2077.2	2.153 2.104 2.066 2.066	2.014 1.961 1.920 1.920	34.617 34.620 34.625 34.625	27.663 27.670 27.677 27.677	36.866 37.101 37.334 37.334	27.652 27.659 27.666 27.666	52.3 51.7 51.1 51.1	21.217 21.476 21.733 21.733	90.5 90.5 90.5 90.5	1491.2 1491.5 1492.1 1492.8 1492.8	26845.5 27262.1 28312.5 29375.3 29375.3	1.7 6.1 2.0 .0

Station	3	Latitude	32° 04.	79'N	Longit	ıde 126°	52.97'W	26	Apr 1991	GMT 18	3:01	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	_	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	14.882 14.879 14.851 14.452 14.356 14.173 14.061 13.997 13.997	14.882 14.878 14.848 14.448 14.351 14.166 14.053 13.987 13.963 13.879	33.142 33.142 33.138 33.135 33.128 33.119 33.114 33.119 33.112	24.566 24.567 24.555 24.654 24.707 24.724 24.733 24.742 24.754	24.566 24.611 24.662 24.788 24.851 24.990 25.044 25.097 25.153	24.566 24.567 24.573 24.654 24.673 24.705 24.722 24.731 24.740 24.751	336.1 336.3 336.0 328.4 327.0 324.1 322.8 322.1 321.5 320.7	.000 .336 .673 1.005 1.333 1.658 1.981 2.304 2.626 2.947	89.5 89.5 89.6 89.6 89.6 89.4 89.3	1504.7 1504.9 1505.0 1503.8 1503.7 1503.2 1503.0 1503.1 1502.9	.0 1.7 6.7 15.1 26.7 41.6 59.7 81.1 105.6 133.4	.0 2.4 8.6 20.8 17.9 22.2 10.2 3.8 11.7 6.4
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.2	13.791 13.483 12.569 11.670 10.855 10.485 10.185 9.755 9.381 9.174	13.777 13.468 12.553 11.653 10.838 10.468 10.167 9.736 9.361 9.153	33.103 33.098 33.072 33.072 33.121 33.181 33.241 33.243 33.391 33.538	24.768 24.827 24.987 25.157 25.342 25.551 25.551 25.655 25.801 25.949	25.212 25.315 25.523 25.739 25.971 26.128 26.272 26.423 26.615 26.809	24.765 24.824 24.985 25.154 25.339 25.450 25.548 25.652 25.798 25.946	319.6 314.3 299.0 282.9 265.4 254.9 245.8 236.0 222.2 208.3	3.267 3.585 3.893 4.183 4.458 4.719 4.971 5.213 5.442 5.656	89.0 89.3 89.6 89.7 89.8 89.9 90.1 90.2 90.2	1502.8 1501.9 1498.9 1496.0 1493.3 1492.3 1491.4 1490.0 1489.0	164.3 198.4 235.7 275.9 318.9 364.5 412.8 463.4 516.4 571.6	45.6 98.6 270.9 84.5 148.8 118.8 116.1 136.5 41.9
200.0 210.0 220.0 230.0 240.0 250.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.000 9.003 8.845 8.754 8.590 8.544 8.327 8.3264 8.117 7.935	8.979 8.981 8.822 8.730 8.565 8.518 8.301 8.237 8.089 7.906	33.621 33.697 33.810 33.856 33.910 33.928 33.964 33.972 34.011 34.006	26.042 26.101 26.215 26.265 26.333 26.354 26.416 26.431 26.484 26.507	26.948 27.052 27.211 27.307 27.421 27.487 27.596 27.596 27.756 27.756	26.039 26.098 26.211 26.261 26.329 26.350 26.412 26.427 26.480 26.503	199.6 194.2 183.5 179.0 172.6 170.8 165.0 163.7 158.8 156.7	5.860 6.057 6.247 6.428 6.604 6.776 6.944 7.108 7.270 7.428	90.3 90.2 90.3 90.3 90.3 90.3 90.3	1488.2 1488.4 1488.0 1488.7 1487.7 1487.7 1487.1 1486.6 1486.1	628.8 688.1 749.2 812.2 877.0 943.5 1011.6 1081.4 1152.8 1225.8	70.9 29.6 59.5 4.7 36.3 66.5 26.3 23.7 21.6 33.9
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.722 7.539 7.437 7.278 7.133 6.930 6.868 6.596 6.428	7.693 7.509 7.406 7.247 7.101 6.898 6.835 6.633 6.562 6.393	34.008 34.012 34.014 34.020 34.016 34.028 34.027 34.038 34.044 34.044	26.540 26.569 26.586 26.613 26.630 26.667 26.675 26.710 26.725 26.747	27.905 27.981 28.044 28.117 28.181 28.265 28.319 28.402 28.463 28.532	26.536 26.565 26.581 26.608 26.626 26.663 26.671 26.706 26.721 26.743	153.6 150.9 149.4 147.0 145.3 141.8 141.2 137.8 136.5 134.5	7.583 7.735 7.885 8.033 8.179 8.323 8.465 8.604 8.741 8.877	90.3 90.4 90.4 90.4 90.4 90.4 90.4 90.5	1485.4 1484.9 1484.2 1483.8 1483.2 1483.1 1482.5 1482.4 1481.9	1300.4 1376.4 1454.0 1533.0 1613.5 1695.5 1778.8 1863.5 1949.6 2037.0	8.3 21.2 24.7 13.8 30.2 29.9 26.7 36.0 6.1 16.0
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.8 407.7 417.6 427.5 437.4 447.3 467.2 477.1 487.0	6.394 6.315 6.315 6.260 6.273 6.194 6.181 6.124 6.075 5.893	6.358 6.279 6.278 6.222 6.234 6.155 6.141 6.083 6.033 5.851	34.057 34.096 34.115 34.129 34.144 34.154 34.158 34.176 34.179 34.176	26.762 26.803 26.818 26.836 26.865 26.865 26.869 26.891 26.900 26.920	28.592 28.679 28.740 28.804 28.860 28.924 28.975 29.043 29.098 29.166	26.757 26.798 26.813 26.831 26.859 26.864 26.886 26.895 26.915	133.2 129.4 128.1 126.5 125.7 124.1 123.7 121.7 121.0 119.0	9.010 9.142 9.270 9.397 9.524 9.649 9.773 9.895 10.016 10.137	90.4 90.5 90.5 90.5 90.5 90.5 90.5 90.5	1481.9 1481.8 1482.0 1482.2 1482.1 1482.2 1482.1 1482.1 1481.5	2125.8 2215.9 2307.2 2399.9 2493.7 2588.8 2685.2 2782.7 2881.5 2981.4	33.9 61.4 24.0 1.4 11.7 8.4 29.5 9.6 9.3 29.2
500.0 510.0 520.0 530.0 540.0 550.0 570.0 570.0 580.0	497.0 506.9 516.8 526.7 536.6 546.5 556.4 576.3 586.2	5.859 5.820 5.828 5.777 5.540 5.442 5.333 5.223 5.127 5.092	5.816 5.776 5.784 5.732 5.494 5.396 5.287 5.176 5.080 5.045	34.174 34.189 34.212 34.225 34.207 34.207 34.211 34.209 34.218 34.236	26.923 26.940 26.957 26.974 26.988 27.000 27.017 27.028 27.047 27.065	29.215 29.278 29.340 29.403 29.466 29.525 29.589 29.648 29.713 29.777	26.918 26.935 26.951 26.969 26.983 26.995 27.011 27.023 27.041 27.059	118.9 117.4 115.9 114.4 112.9 111.7 110.2 109.0 107.3 105.7	10.256 10.374 10.491 10.606 10.719 10.832 10.943 11.052 11.161 11.267	90.5 90.4 90.5 90.5 90.5 90.5 90.5 90.5	1481.6 1481.8 1481.8 1481.0 1480.7 1480.5 1480.0 1480.0	3082.6 3184.9 3288.3 3392.9 3498.7 3605.5 3713.5 3822.5 4043.8	3.4 22.2 14.9 15.5 7.5 9.8 23.9 11.3 25.5
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.8 645.7 655.6 665.5 675.4 685.3	4.967 4.924 4.898 4.854 4.851 4.787 4.758 4.695 4.645	4.919 4.876 4.849 4.804 4.758 4.799 4.735 4.705 4.642 4.591	34.232 34.239 34.262 34.265 34.267 34.282 34.282 34.283 34.304 34.312	27.076 27.087 27.107 27.115 27.129 27.129 27.136 27.149 27.164 27.176	29.836 29.893 29.960 30.014 30.067 30.119 30.173 30.231 30.294 30.352	27.070 27.081 27.102 27.109 27.116 27.123 27.131 27.143 27.158 27.170	101.0 100.5 100.0	11.372 11.476 11.579 11.680 11.781 11.881 11.980 12.079 12.177 12.273	90.4 90.4 90.4 90.4 90.3 90.3 90.3	1479.7 1479.7 1479.7 1479.7 1479.7 1480.1 1480.0 1480.0 1479.9	4156.0 4269.2 4383.5 4498.7 4615.0 4732.2 4850.5 4969.7 5089.8 5210.9	10.9 8.9 17.7 6.3 1.0 6.3 3.3 13.3 19.2
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.606 4.559 4.548 4.512 4.500 4.512 4.474 4.445 4.396 4.362	4.552 4.504 4.492 4.456 4.443 4.454 4.386 4.336 4.336	34.332 34.338 34.340 34.344 34.350 34.362 34.367 34.370 34.374 34.386	27.196 27.206 27.209 27.216 27.223 27.231 27.239 27.245 27.253 27.266	30.419 30.475 30.524 30.577 30.630 30.684 30.738 30.790 30.845 30.904	27.190 27.200 27.203 27.210 27.217 27.225 27.225 27.233 27.238 27.247 27.260	92.1 91.5 90.9 90.2 89.7 88.9	12.368 12.461 12.554 12.646 12.738 12.829 12.920 13.010 13.099 13.188	90.3 90.3 90.3 90.3 90.3 90.3 90.2 90.2	1479.9 1479.9 1480.0 1480.1 1480.2 1480.4 1480.4 1480.5	5333.0 5456.0 5579.9 5704.7 5830.4 5957.0 6084.5 6212.9 6342.2 6472.3	22.1 6.6 20.0 1.6 10.4 11.3 15.1 9.5 1.0
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.3 804.2 814.0 824.0 833.8 843.8 853.6 863.5 873.4 883.3	4.347 4.283 4.270 4.213 4.184 4.172 4.113 4.109 4.090 4.037	4.285 4.221 4.207 4.150 4.120 4.107 4.048 4.044 4.024 3.970	34.390 34.394 34.393 34.404 34.410 34.417 34.418 34.418 34.426	27.271 27.281 27.282 27.296 27.302 27.306 27.318 27.319 27.321 27.323	30.955 31.012 31.059 31.120 31.172 31.222 31.2280 31.327 31.375 31.434	27.264 27.275 27.275 27.290 27.296 27.299 27.311 27.312 27.314 27.326	86.4 85.0 84.5 84.2	13.275 13.362 13.449 13.534 13.619 13.703 13.787 13.870 13.953 14.035	90.3 90.2 90.2 90.3 90.3 90.3 90.3 90.3	1480.6 1480.5 1480.6 1480.6 1480.7 1480.8 1480.8 1480.9 1480.8	6603.3 6735.2 6867.9 7001.5 7135.9 7271.1 7407.2 7544.0 7681.7 7820.2	4.8 4.8 6.0 6.6 7 25.9 3.4 11.9
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.006 3.986 3.940 3.944 3.937 3.926 3.883 3.883 3.872 3.858	3.939 3.918 3.871 3.875 3.867 3.855 3.811 3.800 3.785 3.763	34.432 34.435 34.443 34.444 34.444 34.442 34.444 34.447 34.447	27.340 27.345 27.354 27.356 27.357 27.359 27.362 27.365 27.368 27.373	31.488 31.539 31.594 31.689 31.737 31.786 31.834 31.884 31.935	27.333 27.338 27.346 27.349 27.350 27.355 27.355 27.357 27.361 27.366	81.1 80.7 80.0 79.8 79.7 79.4 79.2 78.9 78.5	14.117 14.197 14.278 14.358 14.358 14.517 14.597 14.676 14.755 14.834	90.3 90.3 90.2 90.3 90.3 90.3 90.3 90.3	1480.9 1480.9 1480.9 1481.1 1481.2 1481.4 1481.3 1481.5 1481.6	7959.5 8099.6 8240.5 8382.1 8524.6 8667.8 8811.8 8956.6 9102.2 9248.5	14.2 1.6 4.6 .5 4.9 3.7 5.7 7.2 2.6

Station	3	Latitude	32° 04.	79'N	Longitu	de 126°	52.97'W	26	Apr 1991	GMT 18	:01	Bottom	1440 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /a ²
1000.0 1020.0 1040.0 1060.0 1080.0 1100.0 1120.0 1140.0 1160.0	992.2 1011.9 1031.7 1051.5 1071.3 1091.0 1110.8 1130.6 1150.3	3.763 3.703 3.657 3.654 3.582 3.559 3.537 3.509 3.454	3.690 3.628 3.581 3.576 3.503 3.479 3.455 3.426 3.370 3.356	34.463 34.471 34.475 34.486 34.487 34.489 34.489 34.498 34.498	27.490 27.411 27.412 27.425 27.430 27.434 27.439 27.450 27.450	32.000 32.105 32.206 32.298 32.404 32.501 32.596 32.693 32.796 32.889	27.383 27.396 27.404 27.404 27.418 27.426 27.426 27.431 27.441 27.443	76.8 75.6 74.9 75.0 73.7 73.4 73.2 72.8 71.8	14.912 15.064 15.214 15.364 15.513 15.660 15.807 15.953 16.097 16.240	90.3 90.3 90.3 90.3 90.3 90.3 90.3	1481.5 1481.6 1481.7 1482.1 1482.3 1482.6 1482.8 1482.9 1483.2	9395.6 9692.1 9991.5 10293.9 10907.4 11218.4 11532.4 11849.1 12168.7	17.8 10.8 3 -1.8 9.1 9.7 1.8
1200.0 1220.0 1240.0 1260.0 1280.0 1300.0 1320.0 1340.0 1360.0 1380.0	1189.9 1209.6 1229.4 1249.2 1268.9 1288.7 1308.4 1328.2 1347.9 1367.7	3.410 3.353 3.335 3.290 3.255 3.204 3.174 3.125 3.069 2.981	3.323 3.265 3.246 3.199 3.163 3.110 3.079 3.029 2.972 2.883	34.509 34.510 34.515 34.518 34.523 34.523 34.525 34.531 34.535	27.458 27.469 27.471 27.480 27.485 27.494 27.499 27.508 27.517 27.531	32.988 33.092 33.186 33.286 33.384 33.486 33.582 33.684 33.785 33.893	27.450 27.460 27.463 27.471 27.477 27.486 27.490 27.499 27.508 27.522	71.2 700.3 68.8 67.6 66.9 67.6 66.9	16.383 16.525 16.666 16.805 16.943 17.080 17.215 17.350 17.483 17.613	90.3 90.3 90.3 90.3 90.3 90.3 90.3	1483.4 1483.5 1483.7 1483.9 1484.1 1484.2 1484.4 1484.5 1484.6	12491.0 12816.2 13144.1 13474.7 13808.0 14144.1 14482.7 14824.1 15168.0 15514.5	1.5 5.3 5.0 8.3 5 5.3 -1.1 8.9 11.8
1400.0 1420.0 1440.0 1460.0 1472.0	1387.4 1407.1 1426.9 1446.6 1458.4	2.969 2.961 2.952 2.855 2.842	2.870 2.860 2.849 2.752 2.739	34.543 34.545 34.545 34.556 34.557	27.533 27.535 27.536 27.553 27.555	33.986 34.080 34.172 34.283 34.340	27.524 27.526 27.527 27.544 27.545	64.4 64.2 64.3 62.4 62.3	17.742 17.871 17.999 18.126 18.201	90.4 90.3 90.4 90.4 90.3	1484.9 1485.2 1485.5 1485.4 1485.5	15863.5 16215.0 16569.0 16925.5 17140.5	-1.1 .4 8.1 1.3

Station	4	Latitude	32. 05.	62'N	Longit	ude 126°	55.49'W	26	Apr 1991	GMT 1	9:36	Bottom	945 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-6 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht g J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	14.890 14.845 14.686 14.457 14.157 14.039 13.947 13.882 13.856 13.759	14.890 14.844 14.683 14.453 14.151 14.032 13.939 13.872 13.845 13.747	33.142 33.129 33.138 33.139 33.132 33.110 33.109 33.113 33.109	24.565 24.564 24.606 24.713 24.729 24.740 24.753 24.753 24.779	24.565 24.608 24.694 24.788 24.890 24.951 25.006 25.064 25.116 25.178	24.565 24.564 24.605 24.655 24.712 24.728 24.738 24.751 24.759 24.776	336.2 336.6 332.9 328.4 323.2 322.0 321.2 320.2 319.7 318.3	.000 .336 .671 1.003 1.327 1.650 1.971 2.292 2.612 2.931	89.4 89.4 89.4 89.4 89.3 89.3 89.3	1504.8 1504.8 1504.4 1503.9 1503.0 1502.8 1502.6 1502.7 1502.5	.0 1.7 6.7 15.0 26.6 41.5 59.5 80.7 105.2 132.8	20.9 34.3 116.3 9.4 10.5 8.2 10.5 19.9 13.1
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.1	13.226 12.522 11.570 10.932 10.029 9.833 9.449 9.360 9.177 9.088	13.212 12.508 11.555 10.916 10.013 9.817 9.432 9.341 9.157 9.068	33.098 33.078 33.073 33.084 33.157 33.189 33.314 33.348 33.459 33.579	24.878 25.001 25.175 25.299 25.511 25.569 25.729 25.771 25.887 25.995	25.323 25.491 25.713 25.883 26.143 26.246 26.453 26.540 26.702 26.855	24.876 24.998 25.173 25.297 25.509 25.566 25.727 25.768 25.884 25.992	309.0 297.5 280.9 269.2 249.0 243.8 228.6 224.8 214.0 203.9	3.247 3.551 3.840 4.116 4.377 4.623 4.862 5.088 5.517	89.3 89.4 89.6 89.8 89.9 90.1 90.1 90.2 90.2	1500.9 1498.6 1495.5 1493.4 1490.4 1489.9 1488.8 1488.7 1488.3	163.5 197.4 234.2 273.8 316.1 360.8 408.0 457.5 509.2 563.0	134.0 149.1 70.7 110.4 159.1 40.5 147.0 51.3 64.7 107.5
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.6 278.6 288.5	8.957 8.950 8.913 8.734 8.590 8.416 8.257 8.098 8.011 7.812	8.936 8.927 8.890 8.710 8.565 8.390 8.231 8.071 7.983 7.783	33.715 33.798 33.864 33.898 33.943 33.963 33.996 33.996 33.995	26.123 26.188 26.246 26.301 26.359 26.402 26.475 26.487 26.519	27.028 27.139 27.242 27.343 27.447 27.535 27.622 27.701 27.759 27.837	26.119 26.185 26.243 26.297 26.355 26.398 26.438 26.471 26.483 26.514	192.0 185.9 180.6 175.5 170.2 166.3 162.5 159.5 158.5	5.716 5.906 6.089 6.268 6.441 6.609 6.774 6.936 7.095	90.2 90.2 90.2 90.2 90.3 90.3 90.3 90.3	1488.1 1488.4 1488.5 1488.0 1487.7 1487.2 1486.8 1486.4 1486.2 1485.6	618.9 676.6 736.2 797.6 860.8 925.6 992.1 1060.2 1129.9	75.6 106.9 43.1 90.2 44.5 42.7 20.7 46.5 13.4
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	7.603 7.618 7.446 7.370 7.212 6.956 6.899 6.846 6.852 6.711	7.574 7.588 7.416 7.338 7.180 6.924 6.865 6.812 6.817 6.675	34.000 34.033 34.043 34.046 34.042 34.033 34.044 34.065 34.084 34.083	26.551 26.575 26.608 26.621 26.639 26.668 26.708 26.708 26.722 26.741	27.916 27.986 28.065 28.124 28.190 28.266 28.328 28.398 28.398 28.522	26.546 26.570 26.603 26.616 26.635 26.663 26.680 26.704 26.717 26.736	152.6 150.5 147.4 146.3 144.5 141.8 140.3 138.2 137.1 135.4	7.406 7.557 7.706 7.853 7.998 8.141 8.281 8.420 8.558 8.694	90.3 90.2 90.3 90.3 90.3 90.3 90.3 90.3	1485.0 1485.2 1484.7 1484.6 1484.2 1483.3 1483.3 1483.2 1483.1	1273.9 1348.2 1424.0 1501.3 1579.9 1660.1 1741.6 1824.5 1908.7	51.9 15.1 38.5 39.3 5.6 34.0 3.2 8.2 10.9 44.2
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1 487.0	6.287 6.192 6.090 5.905 5.842 5.742 5.690 5.595 5.544 5.556	6.252 6.156 6.054 5.868 5.805 5.705 5.651 5.556 5.504 5.515	34.049 34.057 34.059 34.055 34.053 34.070 34.076 34.090 34.111	26.769 26.781 26.801 26.817 26.830 26.841 26.861 26.877 26.895 26.910	28.601 28.659 28.726 28.790 28.849 28.906 28.973 29.035 29.160	26.765 26.776 26.797 26.813 26.826 26.836 26.857 26.872 26.890 26.905	132.4 131.4 129.5 127.9 126.8 125.8 123.9 122.5 120.8 119.6	8.828 8.960 9.090 9.219 9.346 9.473 9.597 9.720 9.842 9.962	90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4	1481.5 1481.3 1481.0 1480.4 1480.1 1480.1 1479.9 1479.9	2081.3 2169.6 2259.2 2350.0 2442.1 2535.5 2630.1 2725.9 2822.9 2921.2	15.4 28.0 20.4 16.5 23.3 8.0 20.9 8.9 12.4 13.9
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	496.9 506.9 516.8 526.7 536.6 546.5 556.4 576.3 586.2	5.526 5.461 5.411 5.345 5.345 5.257 5.143 5.177 5.190 5.120	5.485 5.419 5.368 5.302 5.301 5.212 5.098 5.131 5.143 5.072	34.123 34.136 34.140 34.147 34.162 34.171 34.166 34.180 34.209 34.218	26.923 26.942 26.950 26.964 26.976 27.003 27.003 27.010 27.032 27.047	29.219 29.284 29.339 29.399 29.456 29.521 29.578 29.630 29.697 29.759	26.918 26.937 26.945 26.959 26.971 26.988 26.998 27.004 27.026 27.042	118.4 116.7 116.0 114.8 113.8 112.1 111.2 110.7 108.8 107.4	10.081 10.199 10.316 10.431 10.545 10.658 10.769 10.881 10.990 11.098	90.4 90.4 90.4 90.4 90.4 90.4 90.3 90.3	1480.2 1480.1 1480.0 1479.9 1480.1 1479.6 1480.0 1480.2	3020.6 3121.1 3222.9 3325.7 3429.7 3429.7 3534.9 3641.1 3748.4 3856.8	13.0 16.8 13.9 4.8 22.4 10.1 13.9 19.2 11.3
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0 690.0	596.1 606.0 615.9 625.8 635.7 645.7 655.6 665.5 675.4 685.3	5.096 5.051 5.050 4.959 4.918 4.897 4.817 4.762 4.682 4.656	5.048 5.002 5.000 4.909 4.867 4.845 4.765 4.709 4.629 4.603	34.219 34.235 34.253 34.250 34.261 34.272 34.277 34.287 34.297 34.301	27.051 27.069 27.083 27.091 27.105 27.116 27.129 27.143 27.160 27.166	29.809 29.873 29.933 29.988 30.048 30.105 30.166 30.226 30.2290 30.342	27.045 27.063 27.077 27.085 27.099 27.110 27.123 27.137 27.154 27.160	107.1 105.4 104.2 103.5 102.2 101.3 100.0 98.7 97.1 96.6	11.205 11.312 11.417 11.520 11.623 11.724 11.825 11.924 12.022 12.119	90.3 90.3 90.3 90.3 90.3 90.2 90.2 90.2	1480.2 1480.2 1480.4 1480.1 1480.2 1480.1 1479.9	4076.9 4188.5 4301.1 4414.8 4529.4 4645.1 4761.8 4879.5 4998.1 5117.7	10.7 6.3 12.4 9.5 19.7 12.1 14.2 17.7 23.5 15.9
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.582 4.550 4.532 4.539 4.535 4.528 4.492 4.398 4.351	4.528 4.495 4.476 4.510 4.482 4.476 4.469 4.432 4.338 4.291	34.305 34.321 34.333 34.344 34.353 34.357 34.357 34.360 34.365 34.365	27.177 27.194 27.205 27.210 27.215 27.221 27.225 27.232 27.246 27.248	30.400 30.463 30.520 30.571 30.622 30.673 30.722 30.776 30.837 30.886	27.171 27.187 27.199 27.204 27.209 27.215 27.218 27.225 27.239 27.241	95.5 94.1 93.1 92.7 92.3 91.9 91.0 89.6 89.4	12.215 12.310 12.404 12.497 12.590 12.682 12.773 12.865 12.955 13.045	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1479.8 1479.9 1480.0 1480.3 1480.5 1480.6 1480.6 1480.4	5238.2 5359.7 5482.1 5605.4 5729.7 5854.8 5980.9 6107.8 6235.7 6364.4	4.5 20.9 7.4 3.1 16.2 3.4 4.8 6.3 17.1
800.0 810.0 820.0 830.0 840.0 850.0 860.0 860.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.311 4.260 4.239 4.209 4.193 4.121 4.085 4.056 4.036	4.250 4.199 4.177 4.146 4.129 4.021 3.990 3.970 3.958	34.365 34.379 34.384 34.391 34.405 34.414 34.421 34.423 34.423	27.255 27.271 27.278 27.287 27.291 27.307 27.318 27.326 27.330 27.333	30.939 31.002 31.055 31.110 31.160 31.224 31.281 31.336 31.386 31.434	27.248 27.265 27.271 27.280 27.284 27.300 27.311 27.320 27.323 27.326	88.8 87.3 86.7 85.9 85.6 84.0 82.3 82.0 81.8	13.134 13.222 13.309 13.395 13.481 13.566 13.649 13.732 13.814 13.896	90.2 90.2 90.2 90.2 90.2 90.2 90.3 90.2 90.2	1480.4 1480.4 1480.5 1480.5 1480.5 1480.5 1480.6 1480.6 1480.6	6494.0 6624.5 6755.8 6888.0 7021.0 7154.9 7289.5 7425.1 7561.4 7698.5	2.8 16.8 1.6 9.8 3.7 13.6 5.7 4.8 2.2
900.0 910.0 920.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.018 3.990 3.982 3.981 3.958 3.935 3.922 3.864 3.813	3.951 3.922 3.913 3.911 3.888 3.865 3.851 3.791 3.740	34.425 34.428 34.428 34.428 34.431 34.436 34.436 34.445 34.445	27.334 27.338 27.340 27.341 27.346 27.351 27.354 27.367 27.367 27.367	31.482 31.532 31.580 31.626 31.677 31.728 31.778 31.837 31.837 31.842	27.327 27.331 27.333 27.338 27.338 27.344 27.347 27.359 27.359 27.371	81.7 81.4 81.3 81.3 80.9 80.4 80.2 79.0 79.1	13.977 14.059 14.140 14.222 14.303 14.384 14.464 14.543 14.623 14.701	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1480.9 1480.9 1481.1 1481.2 1481.3 1481.4 1481.5 1481.4 1481.6 1481.6	7836.4 7975.1 8114.6 8254.9 8396.1 8538.0 8680.7 8824.1 8968.4 9113.4	3.7 11.0 -1.9 .8 6.6 13.1 14.6 1.1 11.6 21.9

Station	4	Latitude	32° 05.	62'N	Longitu	ide 126°	55.49'W	26	Apr 1991	GMT 19	36	Bottom	945 m
Pres. db	Depth m	Temp. *C	Pot.T.	Sal 0/00	Sigma -0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m ³ /s ²	N ²
1000.0 1020.0 1040.0 1060.0 1080.0 1092.0	992.2 1011.9 1031.7 1051.5 1071.3 1083.1	3.786 3.751 3.730 3.727 3.666 3.655	3.712 3.675 3.653 3.648 3.587 3.575	34.458 34.464 34.465 34.466 34.474 34.478	27.385 27.393 27.396 27.397 27.409 27.414	31.993 32.093 32.189 32.281 32.386 32.445	27.377 27.385 27.389 27.389 27.402 27.406	77.4 76.7 76.5 76.6 75.5 75.1	14.778 14.933 15.086 15.239 15.391 15.481	90.2 90.2 90.2 90.2 90.2 90.2	1481.6 1481.8 1482.0 1482.4 1482.4	9259.2 9553.1 9849.9 10149.8 10452.6 10635.8	1.1 9.6 -1.5 -8 -3

Station	5	Latitude	-	25'N	Longit	ide 126°	59.10'W	26	Apr 1991	GMT 2	0:56	Bottom	
Pres. db	Depth m	Temp. °C	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.8 49.8 59.8 69.7 79.7	15.005 14.960 14.896 14.504 14.286 14.168 14.168 14.100 14.153 14.176	15.005 14.959 14.893 14.500 14.280 14.239 14.160 14.090 14.141 14.163	33.131 33.129 33.136 33.131 33.132 33.134 33.124 33.120 33.167 33.194	24.531 24.540 24.559 24.639 24.686 24.705 24.717 24.717 24.759	24.531 24.584 24.647 24.772 24.864 24.971 25.027 25.097 25.157	24.531 24.539 24.558 24.638 24.685 24.695 24.703 24.715 24.740 24.756	339.5 338.9 337.4 330.0 325.8 325.1 324.6 323.7 321.6 320.3	.000 .339 .678 1.012 1.340 1.665 1.990 2.314 2.637 2.958	89.4 89.3 89.2 89.3 89.4 89.5 89.5 89.5	1505.1 1505.1 1505.1 1504.0 1503.4 1503.5 1503.3 1503.7 1504.0	.0 1.7 6.8 15.2 26.9 41.9 60.1 81.5 106.2 134.0	.0 45.2 97.8 21.4 7.3 21.7 6.7 16.1
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.2	13.778 13.362 12.093 11.304 10.901 10.275 9.752 9.465 9.122 8.942	13.764 13.347 12.078 11.288 10.884 10.257 9.734 9.446 9.103 8.922	33.137 33.123 33.078 33.092 33.124 33.153 33.221 33.393 33.505 33.623	24.797 24.871 25.083 25.239 25.335 25.467 25.607 25.789 25.931 26.052	25.241 25.359 25.619 25.822 25.965 26.143 26.330 26.330 26.746 26.913	24.794 24.868 25.080 25.236 25.333 25.464 25.604 25.786 25.928 26.049	316.9 310.1 289.9 275.1 266.0 253.5 240.3 223.1 209.7 198.4	3.277 3.590 3.890 4.172 4.443 4.701 4.948 5.183 5.400 5.604	88.7 89.6 89.8 89.9 90.1 90.2 90.2	1502.8 1501.5 1497.3 1494.7 1493.5 1491.5 1489.8 1489.1 1488.2 1487.8	165.1 199.3 236.7 319.5 365.0 413.0 463.4 516.1 570.8	86.1 76.0 110.6 23.2 168.7 54.1 12.7 246.3 123.6 57.4
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	8.879 8.871 8.741 8.677 8.470 8.305 8.046 7.907 7.777	8.858 8.849 8.718 8.653 8.445 8.280 8.020 7.880 7.750 7.630	33.710 33.818 33.882 33.927 33.975 33.996 33.996 33.997 33.998 34.001	26.131 26.217 26.288 26.333 26.402 26.483 26.504 26.524 26.544	27.037 27.168 27.285 27.375 27.491 27.574 27.665 27.732 27.798 27.864	26.127 26.213 26.284 26.329 26.398 26.435 26.479 26.500 26.520 26.540	191.2 183.2 176.6 172.5 166.0 162.7 158.5 156.6 154.8 153.0	5.799 5.987 6.166 6.341 6.510 6.675 6.836 6.993 7.149 7.303	90.2 90.3 90.3 90.3 90.5 90.3 90.4	1487.8 1488.1 1487.9 1487.3 1486.8 1486.0 1485.7 1485.3 1485.0	627.5 686.0 746.4 808.6 872.4 937.9 1005.0 1073.7 1144.0 1215.7	17.9 98.7 56.5 45.7 35.4 11.4 67.8 14.2 -1.3
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	7.580 7.484 7.387 7.192 7.027 6.826 6.765 6.595 6.450 6.409	7.551 7.455 7.356 7.161 6.995 6.794 6.732 6.562 6.416 6.374	34.001 34.002 34.006 34.006 34.011 34.010 34.013 34.015	26.555 26.569 26.583 26.614 26.637 26.668 26.700 26.721 26.727	27.920 27.981 28.041 28.118 28.188 28.267 28.321 28.392 28.460 28.511	26.550 26.565 26.579 26.609 26.632 26.663 26.6671 26.696 26.717 26.722	152.2 150.9 149.6 146.8 144.7 141.7 141.7 138.7 136.8	7.456 7.607 7.757 7.905 8.051 8.194 8.336 8.475 8.613 8.749	90.4 90.3 90.4 90.4 90.4 90.4 90.4 90.4	1484.9 1484.7 1484.5 1483.4 1482.8 1482.7 1482.2 1481.8 1481.8	1289.0 1363.8 1440.1 1517.9 1597.1 1677.7 1759.8 1843.2 1928.0 2014.2	16.2 11.5 37.0 10.3 6.2 15.2 43.9 24.8 6.1 2.6
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0 490.0	397.7 407.7 417.6 427.5 437.4 447.4 457.3 467.2 477.1 487.0	6.267 6.207 6.049 5.933 5.821 5.766 5.681 5.621 5.423 5.344	6.231 6.171 6.012 5.896 5.784 5.727 5.642 5.581 5.383 5.304	34.023 34.024 34.035 34.039 34.048 34.054 34.062 34.074 34.082	26.751 26.760 26.789 26.802 26.820 26.835 26.849 26.864 26.897 26.912	28.583 28.638 28.714 28.774 28.839 28.900 28.961 29.022 29.103 29.165	26.747 26.755 26.784 26.798 26.816 26.830 26.845 26.859 26.892 26.907	134.1 133.4 130.6 129.3 127.7 126.4 125.1 123.8 120.6 119.1	8.885 9.019 9.151 9.281 9.409 9.536 9.662 9.786 9.908 10.028	90.4 90.4 90.4 90.4 90.4 90.5 90.4 90.4	1481.4 1481.3 1480.5 1480.5 1480.2 1480.0 1480.0 1480.0 1479.3	2101.7 2190.6 2280.7 2372.2 2464.9 2558.9 2654.1 2750.6 2848.3 2947.2	28.0 11.6 24.5 14.2 10.7 21.2 19.2 38.5 23.8 19.4
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	497.0 506.9 516.8 526.7 536.6 546.5 556.4 576.3 586.2	5.284 5.276 5.115 5.098 5.074 5.028 4.987 4.937 4.915 4.879	5.243 5.234 5.073 5.056 5.031 4.984 4.992 4.892 4.869 4.832	34.089 34.108 34.101 34.107 34.122 34.128 34.145 34.155 34.173 34.183	26.925 26.941 26.954 26.961 26.976 26.986 27.004 27.018 27.034	29.224 29.286 29.347 29.400 29.461 29.581 29.641 29.704 29.763	26.920 26.936 26.949 26.956 26.971 26.981 26.999 27.013 27.029 27.041	118.0 116.6 115.3 114.7 113.4 112.5 1109.6 108.1 107.0	10.147 10.264 10.380 10.495 10.609 10.722 10.834 10.944 11.053 11.160	90.4 90.4 90.4 90.4 90.4 90.3 90.3	1479.1 1479.3 1478.8 1478.9 1479.0 1478.9 1479.0 1478.9 1479.0	3047.2 3148.5 3250.8 3354.3 3564.7 3671.6 3779.6 3888.6 3998.7	14.7 10.6 6.5 16.2 13.8 2.1 9.4 8.3 15.6 20.9
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.7 655.6 655.5 675.4 685.3	4.826 4.857 4.873 4.792 4.754 4.721 4.662 4.670 4.608 4.599	4.779 4.808 4.824 4.742 4.704 4.611 4.618 4.555 4.545	34.186 34.204 34.222 34.231 34.245 34.246 34.259 34.270 34.272	27.055 27.066 27.079 27.095 27.110 27.115 27.132 27.139 27.148 27.157	29.818 29.874 29.932 29.995 30.056 30.107 30.171 30.224 30.279 30.334	27.050 27.060 27.073 27.089 27.105 27.109 27.126 27.134 27.142 27.151	106.2 105.4 104.4 102.8 101.4 101.1 99.5 98.9 98.1 97.3	11.267 11.373 11.478 11.581 11.683 11.784 11.885 11.984 12.083 12.181	90.3 90.3 90.2 90.2 90.2 90.3 90.2 90.2	1479.0 1479.3 1479.4 1479.4 1479.4 1479.5 1479.5 1479.6 1479.5 1479.7	4109.9 4222.1 4335.3 4449.6 4564.9 4681.1 4798.4 4916.7 5035.9 5156.1	5.3 5.6 8.9 8.0 11.5 4.8 15.9 13.9 2.7 16.5
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0	695.2 705.1 715.0 724.9 734.8 754.6 764.5 774.4 784.3	4.611 4.619 4.560 4.510 4.473 4.458 4.423 4.390 4.377 4.334	4.556 4.563 4.504 4.453 4.416 4.400 4.364 4.330 4.317 4.274	34.297 34.310 34.314 34.316 34.317 34.327 34.332 34.335 34.335	27.168 27.177 27.187 27.195 27.199 27.209 27.217 27.223 27.234 27.245	30.390 30.445 30.502 30.556 30.606 30.663 30.717 30.769 30.826 30.883	27.162 27.171 27.181 27.188 27.192 27.203 27.211 27.216 27.228 27.238	96.5 95.7 94.7 94.1 93.7 92.9 92.2 91.6 90.7 89.7	12.277 12.373 12.469 12.563 12.657 12.750 12.843 12.935 13.026 13.117	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1479.9 1480.1 1480.0 1480.0 1480.0 1480.1 1480.2 1480.2 1480.3 1480.3	5277.2 5399.3 5522.4 5646.4 5771.3 5897.1 6023.8 6151.5 6280.0 6409.4	9.2 11.3 9.2 7.4 4.2 9.5 5.1 10.4 24.4
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.333 4.267 4.225 4.191 4.181 4.162 4.137 4.134 4.104 4.071	4.272 4.205 4.163 4.128 4.117 4.097 4.072 4.068 4.037 4.004	34.362 34.375 34.379 34.387 34.389 34.396 34.399 34.402 34.407	27.250 27.268 27.275 27.285 27.288 27.295 27.301 27.304 27.310 27.314	30.934 30.999 31.053 31.109 31.158 31.211 31.263 31.312 31.365 31.415	27.243 27.261 27.269 27.279 27.281 27.289 27.294 27.297 27.304 27.307	89.3 87.6 86.9 86.0 85.2 84.8 84.6 84.0 83.6	13.206 13.295 13.382 13.468 13.554 13.640 13.724 13.809 13.893 13.977	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1480.5 1480.4 1480.4 1480.5 1480.6 1480.7 1480.9 1480.9	6539.8 6670.9 6803.0 6935.9 7069.7 7204.2 7339.7 7475.9 7613.0 7750.9	5.4 14.2 9.8 3.4 10.7 6.0 -1.3 2.8 3.1
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.042 4.002 3.972 3.925 3.906 3.879 3.867 3.863 3.847 3.795	3.975 3.934 3.904 3.856 3.836 3.836 3.796 3.791 3.774 3.722	34.416 34.424 34.425 34.434 34.443 34.444 34.445 34.445 34.445	27.325 27.335 27.339 27.351 27.356 27.363 27.365 27.366 27.371 27.381	31.471 31.528 31.579 31.637 31.688 31.742 31.790 31.836 31.887 31.944	27.317 27.328 27.332 27.344 27.349 27.356 27.358 27.358 27.358	82.7 81.7 81.4 80.2 79.8 79.0 79.1 78.7 77.7	14.061 14.143 14.224 14.305 14.385 14.464 14.543 14.623 14.701 14.780	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.3	1481.0 1481.0 1481.0 1481.1 1481.2 1481.3 1481.4 1481.5 1481.5	7889.7 8029.2 8169.6 8310.7 8452.6 8595.3 8738.8 8883.1 9028.1 9173.9	6.3 6.9 1.4 1.4 1.9 3.4

Station	5	Latitude	32 07.	25'N	Longitu	de 126°	59.10'W	26	Apr 1991	GMT 20	:56	Bottom	1150 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma− 0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
1000.0 1020.0 1040.0 1060.0 1100.0 1120.0 1140.0 1160.0 1180.0	992.2 1011.9 1031.7 1051.5 1071.3 1091.0 1110.8 1130.6 1150.3 1170.1	3.781 3.772 3.727 3.668 3.646 3.594 3.533 3.475 3.433 3.433	3.707 3.696 3.650 3.590 3.566 3.514 3.452 3.392 3.348 3.312	34.458 34.461 34.466 34.477 34.481 34.489 34.500 34.505	27.385 27.388 27.397 27.414 27.422 27.434 27.4454 27.456	31.993 32.089 32.190 32.295 32.391 32.492 32.597 32.701 32.801 32.900	27.377 27.381 27.390 27.402 27.406 27.414 27.427 27.438 27.445 27.453	77.4 77.2 76.4 75.3 75.0 74.3 73.1 72.0 71.4 70.8	14.857 15.011 15.165 15.317 15.467 15.617 15.764 15.910 16.053 16.196	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1481.6 1481.9 1482.0 1482.1 1482.4 1482.5 1482.6 1482.7 1482.8 1483.0	9320.5 9615.9 9914.3 10215.7 10520.1 10827.4 11137.6 11450.7 11766.6 12085.3	4.0 2.6 7.6 8.2 2.0 2.0 2.9
1200.0 1212.0	1189.9 1201.7	3.361 3.331	3.274	· 34.510	27.468	33.000 33.060	27.460	70.1 69.7	16.337	90.2	1483.2	12406.7	2.6

Station	6	Latitude	32° 10.	93'N	Longit	ide 127°	04.98'W	26	Apr 1991	GMT 22	2:34	Bottom	4100 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.222 15.145 14.968 14.969 14.368 14.164 14.131 14.283 14.283 14.271	15.222 15.143 14.965 14.695 14.362 14.157 14.122 14.273 14.336 14.258	33.171 33.163 33.147 33.133 33.122 33.129 33.186 33.214 33.213	24.514 24.526 24.553 24.610 24.704 24.717 24.729 24.738 24.753	24.514 24.570 24.642 24.743 24.926 24.983 25.039 25.151	24.514 24.525 24.552 24.668 24.703 24.715 24.727 24.735 24.750	341.0 340.2 337.9 332.8 327.4 324.4 323.4 322.5 322.1 320.9	.000 .341 .679 1.015 1.345 1.670 1.994 2.317 2.639 2.960	89.6 89.4 89.4 89.6 89.7 89.5 89.5 89.5	1505.9 1505.8 1505.8 1504.6 1503.7 1503.2 1503.3 1504.0 1504.4 1504.3	.0 1.7 6.8 15.2 27.0 42.0 60.2 81.7 106.4 134.3	37.0 15.6 100.8 70.6 11.1 9.4 2.4 13.2 5.9
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.2	13.941 13.518 12.355 11.702 11.091 10.302 9.895 9.763 9.377 9.107	13.927 13.502 12.340 11.686 11.074 10.285 9.877 9.744 9.358 9.087	33.169 33.170 33.046 33.056 33.082 33.130 33.215 33.272 33.386 33.504	24.788 24.876 25.008 25.138 25.270 25.444 25.580 25.798 25.934	25.232 25.364 25.544 25.720 25.898 26.120 26.302 26.413 26.612 26.794	24.785 24.873 25.005 25.135 25.267 25.441 25.576 25.795 25.930	317.7 309.6 297.0 284.7 272.3 255.8 243.0 236.9 222.5 209.7	3.280 3.593 3.897 4.187 4.464 4.727 4.979 5.218 5.445 5.660	88.6 88.9 89.4 89.6 89.8 90.1 90.2 90.2 90.2	1503.3 1502.1 1498.2 1496.1 1494.1 1491.5 1490.3 1490.1 1489.0 1488.3	165.4 199.6 236.9 277.1 320.2 365.9 414.2 464.9 518.0 573.2	17.0 84.6 163.7 126.4 127.7 57.3 192.2 158.2 61.5 94.0
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	8.881 8.858 8.827 8.720 8.599 8.514 8.372 8.372 8.122	8.859 8.836 8.804 8.734 8.694 8.573 8.487 8.344 8.202 8.092	33.568 33.732 33.815 33.872 33.911 33.950 33.963 33.988 33.988 33.994	26.019 26.151 26.222 26.277 26.314 26.363 26.387 26.428 26.428 26.454	26.926 27.103 27.218 27.319 27.401 27.496 27.565 27.653 27.725 27.789	26.016 26.148 26.218 26.273 26.310 26.359 26.383 26.424 26.449 26.468	201.7 189.4 182.9 177.9 174.5 170.0 167.9 164.1 161.8	5.866 6.062 6.247 6.428 6.604 6.776 6.945 7.111 7.274 7.435	90.3 90.2 90.3 90.2 90.3 90.3 90.4 90.4	1487.7 1488.1 1488.1 1488.1 1487.9 1487.8 1487.4 1487.1 1486.8	630.5 689.8 750.9 813.9 878.7 945.1 1013.3 1083.1 1154.6 1227.6	96.0 125.0 40.1 21.7 43.1 33.4 31.0 26.3 31.6 23.7
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.871 7.719 7.581 7.380 7.277 7.057 6.902 6.795 6.686 6.586	7.841 7.688 7.550 7.349 7.245 7.024 6.869 6.761 6.652 6.551	33.998 34.000 34.001 34.005 34.009 34.010 34.010 34.011 34.012	26.511 26.534 26.555 26.587 26.601 26.635 26.657 26.672 26.687 26.701	27.875 27.945 28.012 28.090 28.151 28.232 28.301 28.362 28.423 28.484	26.507 26.530 26.551 26.582 26.597 26.631 26.653 26.667 26.682 26.697	156.5 154.3 152.4 149.5 148.2 145.0 142.9 141.6 140.3 139.0	7.593 7.748 7.902 8.053 8.201 8.348 8.492 8.634 8.775	90.4 90.4 90.5 90.4 90.5 90.5 90.5 90.5	1486.0 1485.6 1485.2 1484.4 1483.7 1483.2 1483.2 1482.7 1482.5	1302.3 1378.5 1456.2 1535.4 1616.1 1698.2 1781.8 1866.8 1953.2 2041.0	25.7 7.5 6.0 31.7 37.6 18.2 18.8 31.6 15.2 16.4
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.8 407.7 417.6 427.5 437.4 447.3 467.2 477.1 487.0	6.501 6.376 6.229 6.102 6.018 5.933 5.889 5.785 5.653	6.465 6.340 6.192 6.064 5.980 5.895 5.849 5.745 5.613 5.542	34.014 34.018 34.024 34.032 34.034 34.040 34.040 34.041 34.050 34.055	26.714 26.733 26.757 26.779 26.792 26.807 26.813 26.827 26.850 26.862	28.543 28.610 28.681 28.750 28.809 28.870 28.922 28.983 29.053 29.112	26.709 26.729 26.753 26.775 26.787 26.802 26.808 26.822 26.845 26.857	137.8 136.0 133.8 131.7 130.5 129.2 128.7 127.4 125.2 124.1	9.053 9.190 9.325 9.458 9.589 9.719 9.848 9.976 10.102	90.5 90.5 90.5 90.5 90.5 90.6 90.5 90.6	1482.3 1482.0 1481.6 1481.2 1481.0 1480.9 1480.9 1480.1	2130.2 2220.7 2312.6 2405.8 2500.3 2596.1 2693.2 2791.5 2891.1 2991.9	5.8 28.3 30.7 20.4 16.6 10.4 12.2 28.0 15.9 23.8
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	497.0 506.9 516.8 526.7 536.6 546.5 556.4 576.3 586.2	5.446 5.378 5.283 5.230 5.117 5.033 4.976 4.914 4.855 4.776	5.405 5.337 5.240 5.187 5.074 4.989 4.932 4.869 4.869 4.730	34.062 34.075 34.083 34.096 34.111 34.119 34.129 34.139 34.156 34.160	26.884 26.903 26.920 26.937 26.962 26.978 26.993 27.008 27.008 27.040	29.181 29.247 29.311 29.374 29.447 29.509 29.570 29.632 29.638 29.758	26.879 26.898 26.915 26.932 26.958 26.973 27.003 27.003 27.003	122.0 120.3 118.6 117.1 114.7 113.3 111.9 110.5 108.7 107.5	10.350 10.471 10.591 10.709 10.824 10.938 11.051 11.162 11.271 11.380	90.5 90.5 90.5 90.5 90.5 90.5 90.5 90.5	1479.7 1479.7 1479.4 1479.1 1479.0 1478.9 1478.8 1478.8	3094.0 3197.2 3301.7 3407.3 3514.0 3621.9 3731.0 3841.1 3952.3 4064.5	20.3 22.1 24.7 31.7 32.3 12.4 1.5 22.9 8.8 16.7
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 616.0 625.9 635.8 645.7 655.6 665.5 675.4 685.3	4.713 4.664 4.611 4.601 4.587 4.559 4.522 4.495	4.666 4.617 4.563 4.552 4.564 4.537 4.508 4.471 4.443 4.433	34.173 34.181 34.194 34.206 34.217 34.229 34.240 34.245 34.253 34.262	27.057 27.069 27.085 27.096 27.104 27.117 27.128 27.136 27.145 27.154	29.822 29.880 29.942 29.999 30.052 30.111 30.169 30.223 30.278 30.333	27.052 27.064 27.080 27.091 27.098 27.111 27.122 27.131 27.139 27.148	105.9 104.8 103.4 102.4 101.8 100.7 99.7 99.0 98.2 97.5	11.486 11.592 11.696 11.799 11.901 12.002 12.102 12.201 12.300 12.398	90.5 90.4 90.4 90.4 90.4 90.3 90.3	1478.5 1478.5 1478.6 1478.8 1478.9 1479.0 1479.0 1479.2	4177.9 4292.3 4407.7 4524.1 4641.5 4760.0 4879.4 4999.8 5121.2 5243.5	30.8 4.1 7.6 6.5 8.8 21.1 4.4 12.9 8.0 13.2
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.7 764.5 774.5 784.3	4.460 4.450 4.444 4.409 4.378 4.342 4.321 4.294 4.296 4.282	4.407 4.396 4.389 4.353 4.322 4.285 4.263 4.236 4.237 4.222	34.279 34.282 34.284 34.290 34.303 34.316 34.323 34.323 34.332 34.345	27.170 27.173 27.176 27.184 27.198 27.212 27.220 27.230 27.240 27.245	30.395 30.444 30.493 30.548 30.607 30.668 30.722 30.778 30.834 30.885	27.164 27.167 27.170 27.178 27.192 27.206 27.214 27.224 27.234 27.239	96.0 95.8 95.6 94.9 93.7 92.3 91.6 90.8 89.9	12.494 12.590 12.686 12.781 12.875 12.968 13.060 13.152 13.242 13.332	90.3 90.3 90.3 90.3 90.2 90.2 90.2 90.2	1479.3 1479.4 1479.5 1479.6 1479.6 1479.7 1479.8 1479.8 1480.0	5366.8 5491.1 5616.3 5742.4 5869.4 5997.4 6126.3 6256.1 6386.8 6518.4	11.5 1.0 2.7 25.6 5.7 8.0 5.7 8.0 3.9
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.3 804.2 814.1 824.0 833.8 853.7 863.5 873.5 883.3	4.265 4.252 4.218 4.203 4.204 4.135 4.129 4.115 4.074 4.046	4.204 4.190 4.155 4.140 4.071 4.064 4.049 4.008 3.979	34.358 34.366 34.371 34.381 34.385 34.385 34.394 34.404 34.407 34.412	27.254 27.262 27.270 27.279 27.280 27.290 27.297 27.307 27.314 27.321	30.940 30.993 31.048 31.103 31.150 31.206 31.260 31.315 31.368 31.421	27.248 27.255 27.263 27.273 27.274 27.283 27.291 27.300 27.307 27.314	88.8 88.1 87.4 86.6 85.7 85.0 84.2 83.6	13.421 13.509 13.597 13.684 13.770 13.856 13.942 14.026 14.110 14.193	90.2 90.3 90.2 90.2 90.2 90.3 90.2 90.3	1480.2 1480.3 1480.5 1480.6 1480.5 1480.7 1480.8 1480.8	6650.8 6784.1 6918.3 7053.3 7189.2 7326.0 7463.5 7601.9 7741.2 7881.2	15.1 11.0 7.5 3.1 8.4 9.2 5.4 11.9 13.3
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.041 4.022 3.980 3.965 3.949 3.934 3.925 3.901 3.859 3.805	3.973 3.954 3.911 3.895 3.878 3.863 3.853 3.853 3.786 3.732	34.419 34.426 34.428 34.434 34.437 34.445 34.449 34.449	27.326 27.333 27.339 27.342 27.348 27.352 27.360 27.365 27.371 27.375	31.473 31.526 31.578 31.627 31.680 31.730 31.783 31.834 31.887 31.938	27.319 27.326 27.331 27.335 27.345 27.345 27.352 27.358 27.364 27.368	82.5 81.9 81.4 81.2 80.6 80.3 79.7 79.2 78.7	14.276 14.358 14.440 14.521 14.602 14.683 14.763 14.843 14.922 15.000	90.2 90.3 90.3 90.3 90.3 90.3 90.3 90.3	1481.0 1481.1 1481.2 1481.3 1481.4 1481.5 1481.6 1481.6	8022.1 8163.8 8306.3 8449.5 8593.6 8738.5 8884.1 9030.6 9177.8 9325.8	6.6 3.4 4.0 .8 4.3 3.7 9.9 12.5 4.3 7.8

Station	6	Latitude	32. 10.	93'N	Longitu	ide 127°	04.98'W	26	Apr 1991	GMT 22	2:34	Bottom	4100 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma -0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m ³ /s ²	N ² 10 ⁶ /s ²
1000.0 1020.0 1040.0 1060.0 1100.0 1120.0 1140.0 1160.0 1180.0	992.2 1012.0 1031.7 1051.5 1071.3 1091.1 1110.8 1130.6 1150.4 1170.1	3.787 3.742 3.682 3.636 3.587 3.543 3.463 3.463 3.412 3.364	3.713 3.667 3.606 3.558 3.508 3.462 3.414 3.381 3.329 3.279	34.454 34.459 34.467 34.475 34.487 34.497 34.497 34.502 34.508	27.381 27.390 27.402 27.413 27.422 27.432 27.440 27.448 27.457 27.466	31.990 32.091 32.196 32.299 32.401 32.503 32.604 32.704 32.805 32.907	27.374 27.382 27.395 27.406 27.414 27.424 27.433 27.440 27.449 27.458	77.7 77.0 75.8 74.9 74.1 73.2 72.5 71.8 71.0 70.1	15.078 15.233 15.385 15.536 15.685 15.832 15.978 16.122 16.265 16.406	90.3 90.2 90.2 90.3 90.3 90.3 90.3	1481.6 1481.8 1481.8 1482.0 1482.1 1482.3 1482.4 1482.6 1482.7 1482.9	9474.5 9774.3 10077.1 10382.8 10691.5 11033.1 11317.6 11634.8 11954.9 12277.8	1.1 9.9 2.0 4.9 5.2 9.6 2.0 5.0 5.0
1200.0 1220.0 1240.0 1260.0 1300.0 1320.0 1340.0 1360.0 1380.0	1189.9 1209.6 1229.4 1249.2 1268.9 1288.7 1308.4 1328.2 1347.9 1367.7	3.342 3.297 3.260 3.241 3.217 3.178 3.147 3.088 3.049 3.001	3.256 3.210 3.171 3.150 3.125 3.085 3.052 2.993 2.952 2.903	34.511 34.516 34.518 34.520 34.523 34.526 34.528 34.532 34.537 34.540	27.471 27.479 27.484 27.488 27.493 27.503 27.513 27.513 27.520 27.527	33.003 33.104 33.201 33.296 33.393 33.491 33.588 33.689 33.789 33.888	27.463 27.471 27.476 27.480 27.484 27.490 27.495 27.504 27.511 27.518	69.8 68.6 68.4 68.0 67.1 66.5 67.1	16.546 16.685 16.822 16.959 17.095 17.231 17.365 17.498 17.630 17.760	90.3 90.3 90.3 90.3 90.3 90.3 90.3 90.3	1483.1 1483.3 1483.4 1483.7 1483.9 1484.1 1484.3 1484.5 1484.5	12603.4 12931.7 13262.7 13596.4 13932.7 14271.8 14613.4 14957.7 15304.5 15653.9	1.8 3.8 1.2 3.0 2.1 4.5 2.1
1400.0 1420.0 1440.0 1460.0 1500.0 1520.0 1540.0 1560.0 1580.0	1387.4 1407.1 1426.9 1446.6 1466.3 1486.1 1505.8 1525.5 1545.3	2.956 2.935 2.902 2.887 2.843 2.805 2.789 2.762 2.728 2.700	2.857 2.834 2.800 2.784 2.739 2.699 2.682 2.653 2.618 2.589	34.544 34.549 34.551 34.556 34.560 34.563 34.565 34.567	27.534 27.537 27.543 27.5546 27.5552 27.558 27.562 27.562 27.567 27.576	33.988 34.083 34.181 34.275 34.374 34.472 34.567 34.664 34.761 34.857	27.525 27.528 27.534 27.537 27.543 27.553 27.553 27.557 27.563 27.567	64.2 63.4 63.2 62.6 62.1 61.7 61.8 60.5	17.890 18.018 18.145 18.272 18.397 18.522 18.646 18.769 18.891 19.013	90.3 90.3 90.3 90.4 90.3 90.4 90.3	1484.8 1485.3 1485.5 1485.7 1485.8 1486.3 1486.3 1486.5	16005.8 16360.2 16717.1 17076.5 17438.3 17802.5 18169.2 18538.3 18909.7 19283.6	4.5 1.6 3.9 .2 3.7 2.2 2.2 1.7 4.9
1600.0 1620.0 1640.0 1660.0 1700.0 1720.0 1740.0 1760.0	1584.7 1604.4 1624.2 1643.9 1663.6 1683.3 1703.0 1722.7 1742.4 1762.1	2.670 2.646 2.615 2.593 2.562 2.532 2.499 2.475 2.453 2.428	2.558 2.532 2.500 2.477 2.444 2.413 2.379 2.353 2.330 2.304	34.570 34.573 34.575 34.577 34.580 34.583 34.584 34.587 34.589 34.591	27.581 27.586 27.590 27.594 27.599 27.604 27.608 27.612 27.616	34.953 35.049 35.145 35.241 35.337 35.434 35.530 35.626 35.721 35.816	27.571 27.576 27.580 27.584 27.589 27.594 27.598 27.602 27.605 27.609	60.7 599.9 58.5 58.6 57.6 57.6 57.6 56.5	19.133 19.253 19.372 19.490 19.607 19.724 19.839 19.954 20.068 20.182	90.4 90.3 90.4 90.4 90.4 90.4 90.4 90.4	1486.9 1487.2 1487.4 1487.6 1488.0 1488.0 1488.7 1488.7	19659.7 20038.2 20419.1 20802.2 21187.6 21575.3 21965.2 22357.3 22751.7 23148.3	4.3 3.2 3.2 3.2 3.2 2.9 7.1
1800.0 1820.0 1840.0 1860.0 1880.0 1900.0 1920.0 1940.0 1960.0	1781.8 1801.5 1821.2 1840.9 1860.6 1880.3 1900.0 1919.7 1939.4	2.404 2.372 2.341 2.313 2.280 2.251 2.209 2.204 2.169 2.148	2.279 2.246 2.213 2.184 2.150 2.119 2.076 2.070 2.033 2.010	34.593 34.596 34.598 34.601 34.603 34.606 34.610 34.610 34.613 34.615	27.623 27.628 27.633 27.637 27.642 27.646 27.653 27.653 27.659 27.663	35.911 36.008 36.105 36.201 36.297 36.393 36.492 36.583 36.681 36.776	27.612 27.618 27.622 27.627 27.631 27.636 27.642 27.642 27.648 27.652	56.2 55.7 55.2 54.8 54.4 53.9 53.1 52.6 52.3	20.294 20.406 20.517 20.627 20.736 20.844 20.951 21.058 21.163 21.268	90.4 90.4 90.4 90.4 90.4 90.4 90.4	1489.2 1489.4 1489.6 1489.8 1490.0 1490.2 1490.3 1490.7 1490.8 1491.1	23547.1 23948.0 24351.1 24756.3 25163.7 25573.1 25984.6 26398.2 26813.9 27231.5	.7 1.9 2.4 3.0 3.1 7 4.8 1.6
2000.0 2050.0 2100.0 2102.0	1978.8 2028.0 2077.2 2079.1	2.124 2.079 2.051 2.048	1.986 1.937 1.905 1.902	34.617 34.622 34.625 34.625	27.666 27.674 27.679 27.679	36.870 37.105 37.336 37.346	27.655 27.663 27.667 27.668	51.9 51.2 50.9 50.8	21.372 21.630 21.886 21.896	90.4 90.4 90.4 90.4	1491.3 1492.0 1492.7 1492.7	27651.2 28709.2 29779.5 29822.6	1.4 1.4 2.3

Station	7	Latitude	32° 15.	29'N	Longitu	de 127°	12.05'W	26	Apr 1991	GMT	:42	Bottom	1500 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
10.0 20.0 30.0 40.0 50.0 70.0 80.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.302 15.271 15.102 14.785 14.676 14.553 14.688 14.354 14.328 13.894	15.302 15.270 15.099 14.780 14.670 14.546 14.680 14.344 14.217 13.881	33.210 33.208 33.205 33.194 33.186 33.187 33.255 33.185 33.183 33.147	24.527 24.533 24.568 24.628 24.645 24.673 24.696 24.714 24.739 24.781	24.527 24.577 24.656 24.761 24.822 24.894 24.961 25.024 25.094 25.180	24.527 24.532 24.567 24.627 24.644 24.671 24.694 24.712 24.737 24.778	339.8 339.6 336.6 331.1 329.7 327.4 325.5 324.0 321.9 318.2	.000 .340 .678 1.012 1.342 1.670 1.997 2.321 2.645 2.965	89.6 89.6 89.6 89.6 89.7 89.6 89.1	1506.2 1506.2 1505.8 1505.0 1504.8 1504.5 1505.2 1504.0 1503.0	.0 1.7 6.8 15.2 26.9 41.9 60.2 81.7 106.4 134.4	9.5 50.2 40.2 25.3 17.6 19.1 11.5 47.5 43.0
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2	13.399 12.688 12.068 11.410 10.609 10.150 9.855 9.748 9.456	13.385 12.674 12.053 11.394 10.772 10.591 10.132 9.836 9.727 9.435	33.130 33.111 33.082 33.139 33.127 33.193 33.293 33.326 33.326 33.350	24.869 24.994 25.091 25.257 25.358 25.441 25.597 25.673 25.709 25.821	25.313 25.485 25.627 25.839 25.987 26.116 26.319 26.440 26.522 26.680	24.866 24.992 25.088 25.254 25.355 25.438 25.594 25.706 25.818	310.0 298.2 289.1 273.4 263.8 256.1 241.4 231.0 220.5	3.280 3.586 3.879 4.160 4.426 4.688 4.935 5.173 5.173 5.631	89.2 89.6 89.8 89.9 90.1 90.1 90.2 90.3	1501.5 1499.2 1497.2 1495.2 1493.1 1492.7 1491.3 1490.5 1490.3 1489.5	165.4 199.6 236.8 276.8 319.5 364.9 412.8 463.0 515.6 570.5	109.4 149.1 97.2 186.6 39.5 239.8 112.3 25.9 90.9
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.193 8.895 8.794 8.702 8.601 8.466 8.370 8.241 8.221 7.929	9.171 8.873 8.771 8.678 8.576 8.440 8.343 8.214 8.193 7.900	33.527 33.680 33.756 33.862 33.898 33.957 33.977 33.976 34.000	25.938 26.105 26.180 26.278 26.329 26.389 26.420 26.454 26.460 26.505	26.843 27.056 27.177 27.320 27.410 27.523 27.599 27.679 27.731 27.823	25.935 26.101 26.176 26.274 26.318 26.385 26.416 26.450 26.456 26.501	209.5 193.8 186.8 177.8 173.7 167.5 164.7 161.6 161.2	5.848 6.049 6.239 6.422 6.598 6.769 6.936 7.098 7.259 7.418	90.3 90.3 90.3 90.3 90.3 90.3 90.4 90.3	1488.8 1488.0 1487.9 1487.7 1487.4 1487.2 1486.9 1486.1	627.6 686.7 747.8 810.7 875.4 941.8 1009.9 1079.6 1150.9 1223.8	132.7 87.3 67.3 57.1 23.7 56.5 75.5 2.0 4.0
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 377.9 387.8	7.809 7.694 7.490 7.339 7.246 7.175 6.886 6.834 6.752 6.656	7.779 7.664 7.459 7.308 7.213 7.142 6.852 6.800 6.717 6.621	34.000 34.003 34.000 34.004 34.006 34.018 34.001 34.010 34.017	26.521 26.540 26.567 26.592 26.607 26.626 26.652 26.666 26.683 26.694	27.885 27.950 28.025 28.095 28.157 28.222 28.296 28.356 28.419 28.476	26.517 26.535 26.563 26.587 26.602 26.621 26.648 26.662 26.678 26.689	155.5 153.8 151.2 149.0 147.7 146.0 143.4 140.7 139.7	7.575 7.729 7.882 8.032 8.181 8.328 8.472 8.615 8.756 8.896	90.4 90.5 90.5 90.5 90.5 90.5 90.5 90.5	1485.8 1485.5 1484.9 1484.4 1484.2 1484.1 1483.2 1483.0 1482.8	1298.3 1374.3 1451.8 1530.8 1611.3 1693.3 1776.7 1861.5 1947.7 2035.3	6.6 30.6 12.4 12.1 40.5 28 10.8 21.7 21.7
400.0 410.0 420.0 430.0 440.0 450.0 460.0 480.0 490.0	397.7 407.7 417.6 427.5 437.4 447.4 457.3 467.2 477.1	6.471 6.461 6.306 6.174 6.034 5.968 5.853 5.801 5.714	6.436 6.424 6.269 6.136 5.996 5.930 5.813 5.761 5.595	34.013 34.032 34.025 34.024 34.031 34.035 34.041 34.042 34.053 34.059	26.717 26.733 26.748 26.764 26.787 26.799 26.818 26.825 26.825	28.546 28.609 28.671 28.734 28.804 28.862 28.928 28.981 29.047 29.108	26.712 26.729 26.744 26.759 26.783 26.794 26.813 26.820 26.840 26.854	137.6 136.1 134.7 133.2 131.0 130.0 128.2 127.6 125.8 124.5	9.035 9.172 9.307 9.441 9.573 9.704 9.833 9.961 10.088 10.213	90.5 90.5 90.5 90.5 90.6 90.6 90.5	1482.2 1482.3 1481.9 1481.5 1481.1 1481.0 1480.7 1480.7 1480.5 1480.4	2124.3 2214.6 2306.3 2399.3 2589.3 2686.2 2784.4 2883.9 2984.6	2.0 26.6 11.1 28.9 9.8 9.3 14.2 81.8 6.0
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	497.0 506.9 516.8 526.7 536.6 546.5 556.4 576.3 586.2	5.579 5.464 5.367 5.276 5.175 5.068 4.992 4.991 4.866	5.537 5.422 5.324 5.233 5.167 5.131 5.023 4.946 4.856 4.819	34.064 34.073 34.084 34.090 34.116 34.126 34.126 34.156 34.156	26.871 26.892 26.911 26.927 26.939 26.959 26.980 27.001 27.023 27.033	29.166 29.234 29.301 29.363 29.422 29.488 29.556 29.624 29.693 29.749	26.865 26.886 26.906 26.922 26.934 26.954 26.975 26.975 27.017 27.028	123.5 121.5 119.6 118.1 117.0 115.2 113.2 111.3 109.2 108.3	10.337 10.459 10.580 10.698 10.816 10.932 11.047 11.159 11.269 11.378	90.5 90.5 90.5 90.5 90.5 90.5 90.4 90.4	1480.3 1480.0 1479.8 1479.5 1479.5 1479.3 1479.1 1479.0 1479.0	3086.5 3189.6 3293.9 3399.4 3506.1 3613.9 3722.9 3833.0 3944.2 4056.4	17.7 8.9 16.2 13.3 12.7 13.3 11.2 8.0 1.8
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0 690.0	596.1 606.0 615.9 625.8 635.8 645.7 655.6 665.5 675.4	4.758 4.754 4.732 4.693 4.664 4.621 4.581 4.525 4.528 4.470	4.711 4.706 4.684 4.644 4.570 4.530 4.473 4.476 4.417	34.164 34.181 34.192 34.201 34.208 34.225 34.237 34.237 34.267 34.274	27.045 27.059 27.071 27.082 27.091 27.109 27.123 27.139 27.153 27.165	29.809 29.869 29.926 29.983 30.039 30.103 30.164 30.226 30.285 30.344	27.040 27.054 27.065 27.076 27.085 27.103 27.118 27.133 27.147 27.159	107.1 105.9 104.9 103.9 103.1 101.5 100.1 98.7 97.5 96.4	11.485 11.592 11.697 11.801 11.905 12.007 12.107 12.207 12.305 12.402	90.4 90.4 90.4 90.4 90.3 90.3 90.3	1478.7 1478.9 1479.0 1479.0 1479.0 1479.0 1479.0 1479.2 1479.1	4169.7 4284.1 4399.5 4516.0 4633.4 4751.9 4871.4 4991.8 5113.3 5235.7	10.0 17.0 15.9 10.0 23.5 5.0 9.4 23.2 10.0 14.7
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 745.7 754.6 764.5 774.5 784.3	4.489 4.467 4.412 4.389 4.382 4.326 4.326 4.293 4.246	4.435 4.412 4.391 4.356 4.325 4.268 4.251 4.234 4.186	34.297 34.303 34.312 34.325 34.336 34.336 34.359 34.359 34.367	27.181 27.188 27.198 27.208 27.215 27.224 27.241 27.246 27.252 27.264	30.406 30.459 30.514 30.572 30.624 30.742 30.742 30.794 30.846 30.904	27.175 27.183 27.191 27.202 27.208 27.218 27.235 27.240 27.246 27.257	95.0 94.4 93.6 92.6 92.1 91.3 89.8 89.3 88.8	12.498 12.592 12.686 12.780 12.872 12.964 13.054 13.144 13.233 13.321	90.3 90.3 90.3 90.3 90.4 90.3 90.2 90.3	1479.4 1479.5 1479.6 1479.6 1479.7 1479.8 1479.8 1479.9 1480.0	5359.0 5483.3 5608.5 5734.6 5861.6 5989.6 6118.4 6248.1 6378.7 6510.2	16.5 5.9 9.8 8.9 6.5 9.5 4.5 17.4 13.0 8.0
800.0 810.0 820.0 830.0 840.0 850.0 870.0 880.0 890.0	794.3 804.2 814.0 824.0 833.8 843.7 863.5 873.4 883.3	4.185 4.142 4.103 4.078 4.069 4.054 4.027 4.018 3.990 3.969	4.125 4.082 4.041 4.016 4.006 3.990 3.963 3.954 3.924 3.902	34.371 34.385 34.385 34.391 34.395 34.404 34.408 34.415 34.420	27.273 27.282 27.293 27.299 27.301 27.306 27.316 27.320 27.328 27.335	30.960 31.016 31.073 31.125 31.173 31.224 31.280 31.331 31.385 31.438	27.267 27.276 27.286 27.292 27.294 27.299 27.309 27.314 27.322 27.329	86.8 86.0 85.0 84.5 84.4 84.0 83.1 82.8 82.0	13.408 13.495 13.580 13.665 13.750 13.834 13.917 14.000 14.083 14.164	90.2 90.2 90.2 90.2 90.3 90.2 90.3 90.2	1479.9 1479.9 1479.9 1479.9 1480.1 1480.2 1480.2 1480.4 1480.4	6642.5 6775.7 6909.7 7044.6 7180.2 7316.8 7454.1 7592.3 7731.2 7871.0	6.8 5.1 3.9 6.0 7.2 3.6 3.1 2.5 12.2
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	3.956 3.943 3.928 3.912 3.884 3.850 3.828 3.754 3.742	3.889 3.875 3.859 3.843 3.814 3.757 3.726 3.681 3.669	34.426 34.432 34.434 34.434 34.440 34.443 34.445 34.445 34.455	27.341 27.345 27.348 27.352 27.355 27.363 27.368 27.373 27.383 27.383	31.489 31.539 31.589 31.638 31.688 31.744 31.845 31.901 31.950	27.334 27.338 27.342 27.345 27.348 27.356 27.361 27.366 27.376 27.379	81.0 80.7 80.4 80.1 79.8 79.7 78.7 78.2 77.3	14.246 14.326 14.407 14.487 14.567 14.646 14.725 14.804 14.882 14.959	90.3 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1480.6 1480.7 1480.9 1481.0 1481.0 1481.1 1481.1 1481.1 1481.3	8011.6 8152.9 8295.1 8438.0 8581.8 8726.3 8871.5 9017.6 9164.4 9312.0	5.1 7.5 1.1 6.6 4.3 5.5 8.1 12.8 6.9

Station	7	Latitude	32° 15.29'N	Longitu	de 127°	12.05'W	26	Apr 1991	GMT	: 42	Bottom	1500 m
Pres. db	Depth m	Temp.	Pot.T. Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
1000.0 1020.0 1040.0 1060.0 1100.0 1120.0 1140.0 1160.0 1180.0	992.2 1011.9 1031.7 1051.5 1071.3 1091.0 1110.8 1130.6 1150.3 1170.1	3.715 3.683 3.634 3.596 3.547 3.510 3.478 3.438 3.403 3.362	3.641 34.463 3.608 34.467 3.558 34.473 3.519 34.480 3.468 34.481 3.337 34.495 3.355 34.501 3.319 34.502 3.277 34.509	27.395 27.402 27.411 27.421 27.431 27.438 27.445 27.454 27.458 27.458	32.006 32.105 32.207 32.309 32.411 32.510 32.609 32.710 32.806 32.908	27.388 27.395 27.404 27.414 27.423 27.430 27.437 27.446 27.450 27.459	76.2 75.7 74.8 74.0 73.1 72.5 72.0 71.2 70.8	15.035 15.187 15.338 15.486 15.633 15.779 15.924 16.067 16.209 16.350	90.2 90.3 90.2 90.3 90.3 90.3 90.3 90.2	1481.3 1481.5 1481.6 1481.8 1482.0 1482.1 1482.3 1482.5 1482.7 1482.9	9460.3 9759.2 10061.1 10365.9 10673.6 10984.1 11297.5 11613.7 11932.7 12254.4	2.0 2.3 1.4 11.1 2.0 6 .3 1.1 -1.2
1200.0 1220.0 1240.0 1260.0 1280.0 1300.0 1320.0 1340.0 1360.0	1189.9 1209.6 1229.4 1249.1 1268.9 1288.7 1308.4 1328.2 1347.9 1367.6	3.312 3.254 3.229 3.186 3.147 3.116 3.098 3.063 3.031 2.976	3.226 34.515 3.166 34.521 3.1096 34.525 3.056 34.525 3.056 34.532 3.023 34.532 3.004 34.532 2.968 34.538 2.934 34.538 2.878 34.546	27.477 27.487 27.492 27.492 27.505 27.509 27.513 27.519 27.526 27.534	33.010 33.113 33.209 33.307 33.407 33.503 33.599 33.697 33.795 33.896	27.469 27.479 27.483 27.489 27.501 27.504 27.511 27.517 27.525	69.1 68.2 67.3 66.6 66.3 66.5 65.5 64.2	16.489 16.626 16.763 16.898 17.032 17.165 17.297 17.429 17.559 17.688	90.3 90.3 90.3 90.3 90.3 90.3 90.3 90.4	1483.0 1483.1 1483.5 1483.6 1483.8 1484.1 1484.3 1484.5 1484.6	12254.4 12578.9 12906.1 13235.9 13568.4 13903.6 14241.3 14581.6 14924.5 15269.9 15617.9	5.0 6.4 1.8 7.6 1.7 4.7 4.5 4.5 25.1
1400.0 1420.0 1440.0 1460.0 1480.0 1490.0	1387.4 1407.1 1426.9 1446.6 1466.3 1476.2	2.943 2.904 2.870 2.818 2.779 2.775	2.844 34.548 2.803 34.552 2.769 34.555 2.716 34.559 2.675 34.561 2.670 34.560	27.538 27.545 27.551 27.558 27.564 27.564	33.993 34.092 34.190 34.290 34.388 34.433	27.529 27.536 27.542 27.549 27.555 27.554	63.7 63.1 62.6 61.8 61.3	17.816 17.943 18.069 18.193 18.316 18.378	90.3 90.3 90.3 90.3 90.3	1484.8 1484.9 1485.1 1485.2 1485.4 1485.6	15968.4 16321.3 16676.7 17034.5 17394.8 17575.8	-1.4 6.0 3.1 5.4 1.3

Station	8	Latitude			-	ide 127°			Apr 1991			Bottom	
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	kg/m ³	Sigma-z kg/m ³	kg/m ³	10 ⁸ m ³ /kg	-	LTR 0/0	SV m/s	m ³ /s ²	N ²
.0 10.0 20.0 30.0 40.0 50.0 70.0 80.0 90.0	.0 10.0 19.9 29.8 49.8 59.8 69.7 79.7	15.250 15.256 15.193 14.960 14.792 14.623 14.420 14.351 14.267 14.150	15.250 15.255 14.255 14.955 14.786 14.615 14.411 14.341 14.256 14.137	33.203 33.204 33.203 33.207 33.218 33.221 33.220 33.230 33.230	24.533 24.533 24.597 24.637 24.681 24.727 24.741 24.767 24.792	24.533 24.577 24.634 24.729 24.813 24.903 24.993 25.051 25.121 25.121	24.533 24.532 24.545 24.596 24.635 24.680 24.726 24.739 24.764 24.789	339.2 339.6 338.6 334.0 330.6 326.5 322.5 321.4 319.3 317.1	.000 .339 .679 1.016 1.348 1.677 2.001 2.323 2.644 2.962	87.1 89.7 89.6 89.6 89.6 89.7 89.6 89.4	1506.0 1506.2 1505.5 1505.2 1504.8 1504.3 1504.3 1504.2	.0 1.7 6.8 15.2 27.0 42.1 60.4 81.9 106.6 134.6	.0 4.3 16.8 68.3 34.1 97.3 10.0 15.6 24.4 45.7
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.1	13.307 12.796 11.212 10.824 10.153 9.991 9.811 9.367 9.112 8.977	13.293 12.781 11.197 10.808 10.137 9.974 9.793 9.348 9.093 8.957	33.158 33.112 33.044 33.181 33.331 33.365 33.386 33.510 33.572	24.909 24.974 25.218 25.369 25.509 25.654 25.710 25.799 25.938 26.007	25.353 25.464 25.756 25.953 26.140 26.330 26.433 26.568 26.752 26.867	24.906 24.971 25.215 25.366 25.507 25.651 25.707 25.796 25.934 26.004	306.2 300.1 276.8 262.6 249.3 235.7 230.5 222.2 209.2 202.7	3.276 3.578 3.864 4.135 4.391 4.634 4.867 5.093 5.307 5.513	89.2 89.5 89.8 89.8 90.2 90.2 90.2 90.2	1501.2 1499.6 1494.2 1493.1 1490.9 1490.7 1490.2 1488.7 1488.1 1487.9	165.6 199.7 236.8 276.6 319.0 363.9 411.2 460.7 512.5 566.2	188.5 186.0 142.7 179.8 122.0 217.1 159.4 87.6 70.3 88.4
200.0 210.0 220.0 230.0 240.0 250.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.8 248.8 258.7 268.6 278.6 288.5	8.784 8.719 8.653 8.653 8.572 8.434 8.304 8.205 7.967 7.811	8.763 8.697 8.630 8.609 8.547 8.409 8.277 8.178 7.939	33.692 33.797 33.861 33.915 33.939 33.967 33.982 33.989 33.997 34.002	26.132 26.223 26.284 26.330 26.358 26.402 26.433 26.454 26.495 26.522	27.038 27.175 27.282 27.373 27.446 27.535 27.613 27.679 27.768 27.841	26.128 26.220 26.281 26.326 26.354 26.398 26.429 26.449 26.491 26.518	191.0 182.5 176.9 172.8 170.3 166.3 163.4 161.6 157.7	5.710 5.896 6.075 6.250 6.421 6.589 6.754 6.917 7.076 7.232	90.2 90.2 90.3 90.3 90.3 90.4 90.4 90.3	1487.5 1487.5 1487.7 1487.6 1487.3 1487.0 1486.0 1486.0 1485.6	622.0 679.7 739.2 800.5 863.4 928.1 994.3 1062.2 1131.7 1202.8	152.5 77.9 45.7 43.3 25.2 25.7 22.8 39.8 62.3 12.5
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.4 308.4 318.3 328.2 338.2 348.1 358.0 367.9 377.9 387.8	7.608 7.424 7.302 7.083 6.835 6.708 6.575 6.448 6.335 6.246	7.579 7.394 7.271 7.052 6.804 6.676 6.543 6.415 6.302 6.212	34.007 34.002 34.003 34.006 34.009 34.008 34.012 34.015 34.019 34.020	26.555 26.578 26.596 26.665 26.665 26.702 26.721 26.739 26.751	27.921 27.990 28.055 28.134 28.218 28.281 28.348 28.414 28.479 28.538	26.551 26.574 26.592 26.624 26.661 26.677 26.698 26.717 26.735 26.747	152.1 150.0 148.4 145.3 141.8 140.3 138.4 136.7 135.0 133.9	7.386 7.537 7.686 7.832 7.976 8.117 8.256 8.394 8.530 8.665	90.3 90.4 90.4 90.4 90.4 90.4 90.5 90.5	1485.0 1484.4 1484.1 1483.4 1482.6 1482.3 1481.9 1481.3 1481.3	1275.4 1349.5 1425.1 1502.1 1580.6 1660.5 1741.8 1824.4 1908.4	27.4 10.0 30.5 22.3 32.8 8.5 13.4 28.0 20.4 33.3
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1 487.0	6.120 6.038 5.939 5.837 5.747 5.723 5.647 5.574 5.574 5.372	6.085 6.003 5.903 5.800 5.710 5.685 5.609 5.535 5.414 5.332	34.027 34.028 34.035 34.043 34.053 34.052 34.059 34.068 34.075 34.089	26.773 26.784 26.803 26.822 26.840 26.843 26.858 26.874 26.894 26.915	28.606 28.664 28.729 28.795 28.860 28.908 28.970 29.032 29.099 29.167	26.769 26.780 26.798 26.817 26.836 26.838 26.853 26.869 26.889	131.9 130.9 129.2 127.4 125.7 125.6 124.2 122.7 120.9 118.9	8.797 8.929 9.059 9.187 9.314 9.440 9.565 9.688 9.810 9.930	90.5 90.5 90.5 90.6 90.6 90.6 90.6	1480.8 1480.4 1480.2 1480.0 1479.9 1479.8 1479.5 1479.3	2080.4 2168.3 2257.6 2348.1 2533.0 2627.2 2722.7 2819.4 2917.3	22.4 4.8 26.2 17.7 14.8 8.6 10.1 19.7 36.1 16.5
500.0 510.0 520.0 530.0 540.0 550.0 570.0 580.0 590.0	496.9 506.9 516.8 526.7 536.5 556.4 566.3 576.3 586.2	5.275 5.233 5.158 5.130 5.027 4.948 4.880 4.881 4.776 4.727	5.234 5.192 5.116 5.087 4.984 4.904 4.836 4.777 4.731 4.681	34.107 34.121 34.138 34.145 34.147 34.157 34.157 34.170 34.183 34.195	26.941 26.956 26.979 26.987 27.001 27.014 27.026 27.042 27.058 27.073	29.240 29.302 29.371 29.425 29.486 29.546 29.605 29.668 29.730 29.792	26.936 26.951 26.974 26.982 26.996 27.009 27.021 27.038 27.053 27.068	116.5 115.1 113.0 112.3 111.0 109.7 108.7 107.1 105.7 104.3	10.048 10.164 10.278 10.390 10.502 10.612 10.721 10.829 10.935 11.040	90.6 90.6 90.6 90.6 90.6 90.5 90.6	1479.1 1479.1 1479.0 1479.1 1478.8 1478.6 1478.5 1478.5 1478.5	3016.4 3116.7 3218.0 3320.5 3424.1 3528.8 3634.5 3741.3 3849.2 3958.1	6.8 24.1 12.4 14.1 25.8 5.9 18.5 14.4 11.4
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0 690.0	596.1 606.0 615.9 625.8 635.7 645.6 655.5 665.5 675.4 685.3	4.713 4.649 4.719 4.668 4.648 4.581 4.559 4.520 4.487	4.666 4.602 4.671 4.650 4.618 4.597 4.530 4.508 4.468 4.434	34.206 34.213 34.243 34.250 34.258 34.271 34.277 34.288 34.293 34.299	27.083 27.096 27.113 27.121 27.130 27.143 27.154 27.166 27.174 27.183	29.847 29.907 29.968 30.022 30.077 30.136 30.195 30.252 30.307 30.362	27.078 27.091 27.107 27.115 27.124 27.137 27.149 27.160 27.169 27.177	103.4 102.3 100.9 100.3 99.5 98.3 97.2 96.2 95.5 94.7	11.144 11.247 11.349 11.449 11.648 11.746 11.843 11.939 12.033	90.5 90.4 90.5 90.4 90.4 90.4 90.3 90.4	1478.6 1478.5 1479.0 1479.1 1479.1 1479.2 1479.2 1479.2 1479.2	4068.1 4179.1 4291.0 4404.0 4518.0 4632.9 4748.8 4865.7 4983.5 5102.2	11.7 10.0 7.4 7.7 8.0 5.0 15.3 12.1 10.0
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.8 734.8 754.6 764.5 774.4 784.3	4.458 4.421 4.389 4.366 4.364 4.351 4.325 4.307 4.256 4.234	4.1/4	34.309 34.317 34.321 34.327 34.331 34.338 34.345 34.345 34.348	27.194 27.204 27.211 27.218 27.222 27.229 27.237 27.242 27.255 27.261	30.419 30.476 30.529 30.582 30.631 30.685 30.739 30.790 30.849 30.902	27.188 27.198 27.205 27.212 27.215 27.223 27.231 27.236 27.248 27.255	93.8 92.8 92.2 91.6 91.4 90.1 89.7 88.5 88.0	12.128 12.221 12.314 12.406 12.497 12.588 12.679 12.769 12.858 12.946	90.3 90.3 90.3 90.3 90.3 90.3 90.3 90.3	1479.3 1479.3 1479.4 1479.6 1479.6 1479.8 1479.8 1479.8 1479.9	5221.9 5342.5 5464.0 5509.8 5834.0 5959.1 6085.1 6212.0 6339.7	15.3 5.1 5.6 4.5 4.5 7.7 11.2 17.4 7.1
800.0 810.0 820.0 830.0 840.0 850.0 860.0 880.0 890.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.224 4.214 4.197 4.195 4.182 4.144 4.136 4.114 4.095 4.068	4.118 4.080 4.071 4.049 4.029 4.001	34.370 34.380 34.391 34.392 34.397 34.410 34.412 34.417 34.420 34.426	27.268 27.278 27.288 27.289 27.294 27.308 27.311 27.317 27.322 27.330	30.955 31.010 31.066 31.113 31.164 31.225 31.273 31.325 31.376 31.430	27.262 27.271 27.281 27.282 27.288 27.302 27.304 27.310 27.315 27.323	87.4 86.6 85.7 85.7 85.2 83.9 83.8 83.2 82.9	13.034 13.121 13.207 13.293 13.378 13.463 13.547 13.630 13.713 13.796	90.3 90.2 90.2 90.3 90.3 90.2 90.3 90.2	1480.0 1480.2 1480.3 1480.4 1480.6 1480.6 1480.7 1480.8 1480.9	6468.3 6597.8 6728.1 6859.3 6991.3 7124.2 7257.8 7392.3 7527.6 7663.8	11.0 19.8 1.0 5.4 4.0 8.9 3.4 10.1 7.8 6.6
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.3 982.2	4.047 3.993 3.979 3.973 3.970 3.963 3.927 3.904 3.851 3.803	3.979 3.925 3.910 3.903 3.899 3.892 3.855 3.831 3.778 3.729	34.430 34.435 34.438 34.440 34.441 34.447 34.451 34.461 34.468	27.335 27.345 27.348 27.349 27.351 27.353 27.362 27.367 27.380 27.391	31.482 31.538 31.588 31.684 31.682 31.729 31.784 31.836 31.896 31.954	27.328 27.338 27.341 27.342 27.344 27.345 27.354 27.360 27.373 27.383	81.7 80.8 80.5 80.5 80.4 80.4 79.5 79.0 77.8 76.8	13.877 13.959 14.040 14.120 14.200 14.281 14.361 14.440 14.519 14.596	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1481.0 1481.1 1481.2 1481.4 1481.5 1481.5 1481.6 1481.6	7800.7 7938.4 8076.9 8216.2 8356.3 8497.2 8638.9 8781.4 8924.6 9068.6	6.3 1.6 1.4 1.1 4.3 3.7 12.5 .8 6.9

Station	8	Latitude	32. 16.	11'N	Longitu	de 127°	14.95'W	26	Apr 1991	GMT 2	::27	Bottom	1040 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV na∕s	TF m ³ /s ²	N ² 10 ⁶ /s ²
1000.0 1020.0 1030.0	992.1 1011.9 1021.8	3.754 3.730 3.697	3.681 3.655 3.621	34.473 34.476 34.477	27.400 27.404 27.409	32.009 32.106 32.156	27.392 27.397 27.401	75.9 75.6 75.2	14.672 14.824 14.899	90.2 90.2 90.2	1481.5 1481.7 1481.8	9213.3 9505.0 9652.0	4.0 3.4

Station	9	Latitude	32. 16.	72'N	Longit	ude 127°	17.70'W	26	Apr 1991	GMT 5	5:39	Bottom	2375 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.186 15.187 15.184 14.713 14.666 14.534 14.434 14.402 14.402 14.287	15.186 15.185 15.181 14.709 14.660 14.527 14.425 14.425 14.275 14.220	33.195 33.194 33.195 33.198 33.200 33.206 33.208 33.209 33.225	24.541 24.542 24.542 24.644 24.657 24.713 24.722 24.747 24.771	24.541 24.585 24.630 24.776 24.834 24.908 24.978 25.031 25.101 25.169	24.541 24.541 24.541 24.643 24.656 24.711 24.720 24.744 24.768	338.5 338.8 339.0 329.6 328.6 326.0 323.9 323.3 321.2 319.2	.000 .339 .678 1.014 1.343 1.670 1.995 2.318 2.640 2.961	87.2 89.6 89.6 89.7 89.7 89.6 89.4	1505.8 1505.9 1506.1 1504.7 1504.8 1504.5 1504.3 1504.4 1504.2	.0 1.7 6.7 15.2 26.9 41.9 60.2 81.7 106.4 134.2	-2.2 7.5 102.6 27.6 11.5 3.6 24.4 8.5 10.3
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.2	13.998 12.949 11.863 11.303 10.742 10.213 9.987 9.702 9.356 9.141	13.984 12.934 11.847 11.287 10.725 10.196 9.969 9.683 9.336 9.120	33.217 33.141 33.084 33.054 33.112 33.144 33.304 33.422 33.476 33.542	24.814 24.967 25.130 25.209 25.354 25.470 25.633 25.773 25.872 25.958	25.257 25.457 25.667 25.792 25.984 26.146 26.355 26.540 26.686 26.818	24.811 24.964 25.128 25.206 25.351 25.467 25.631 25.769 25.869 25.955	315.3 300.8 285.3 277.9 264.2 253.2 237.9 224.8 215.5 207.4	3.279 3.587 3.880 4.163 4.434 4.692 4.938 5.169 5.389 5.600	89.1 89.7 89.8 90.0 90.1 90.2 90.2 90.3	1503.6 1500.2 1496.5 1494.7 1492.9 1491.2 1490.8 1490.0 1488.4	165.3 199.5 236.7 276.7 319.5 364.9 412.8 463.1 515.6 570.2	56.8 80.3 169.4 90.3 49.8 95.7 158.5 73.8 21.7
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	8.939 8.823 8.729 8.685 8.577 8.409 8.264 8.076 7.904 7.676	8.918 8.706 8.661 8.552 8.383 8.238 8.049 7.876 7.648	33.605 33.691 33.811 33.848 33.902 33.971 33.984 33.991 33.996 34.000	26.039 26.125 26.233 26.269 26.328 26.408 26.474 26.474 26.504 26.541	26.945 27.076 27.230 27.312 27.416 27.542 27.621 27.701 27.777 27.860	26.036 26.122 26.230 26.266 26.324 26.404 26.436 26.470 26.500 26.536	199.9 191.9 181.8 178.5 173.1 165.6 162.7 159.5 153.4	5.804 6.000 6.186 6.367 6.542 6.711 6.874 7.036 7.193 7.349	90.2 90.3 90.3 90.2 90.2 90.4 90.3 90.4 90.4	1487.9 1487.8 1487.7 1487.6 1487.2 1486.8 1486.3 1485.8	626.9 685.6 746.2 808.5 872.7 938.5 1006.0 1075.1 1145.8 1218.0	62.4 70.3 33.1 67.3 81.1 31.9 26.6 20.1 40.8
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	7.476 7.322 7.185 7.026 6.922 6.700 6.643 6.360 6.323	7.447 7.293 7.155 6.995 6.891 6.661 6.397 6.326 6.289	34.001 34.001 34.007 34.006 34.008 34.007 34.010 34.014 34.024	26.570 26.592 26.611 26.638 26.651 26.682 26.719 26.732 26.745	27.937 28.005 28.070 28.144 28.204 28.282 28.335 28.413 28.472 28.531	26.566 26.587 26.607 26.633 26.647 26.685 26.715 26.728 26.740	150.6 148.7 146.9 144.4 143.2 140.3 139.7 136.8 135.7	7.502 7.651 7.799 7.944 8.088 8.229 8.369 8.507 8.507 8.778	90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4	1484.5 1484.0 1483.7 1483.0 1482.3 1482.2 1481.4 1481.4	1291.7 1367.0 1443.7 1521.8 1601.4 1682.4 1764.8 1848.6 1933.7 2020.2	44.9 15.0 9.4 15.5 43.9 11.7 52.1 12.4 26.0
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1	6.228 6.084 5.966 5.847 5.627 5.576 5.442 5.392 5.314	6.193 6.049 5.930 5.811 5.688 5.589 5.538 5.403 5.353 5.274	34.043 34.031 34.034 34.044 34.054 34.066 34.077 34.083 34.091	26.772 26.781 26.799 26.821 26.844 26.862 26.872 26.896 26.896	28.604 28.724 28.794 28.864 28.928 28.984 29.056 29.114 29.176	26.768 26.777 26.794 26.817 26.839 26.857 26.867 26.892 26.903 26.919	132.1 131.2 129.6 127.5 125.4 123.7 122.9 120.5 119.5 118.0	8.912 9.043 9.173 9.302 9.428 9.552 9.676 9.798 9.918 10.036	90.4 90.5 90.6 90.6 90.5 90.5 90.6	1481.2 1480.8 1480.5 1480.5 1479.9 1479.7 1479.6 1479.3 1479.2 1479.1	2108.0 2197.1 2287.5 2379.1 2472.0 2566.2 2661.6 2758.2 2856.0 2954.9	17.2 34.7 28.3 32.1 6.8 9.8 20.3 32.0 11.2
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	496.9 516.8 526.7 536.6 546.5 556.4 566.3 576.3 586.2	5.284 5.194 5.168 5.136 5.088 4.968 4.918 4.872 4.872 4.767	5.244 5.152 5.126 5.093 5.045 4.924 4.874 4.827 4.757	34.103 34.117 34.127 34.137 34.141 34.150 34.161 34.173 34.186	26.936 26.957 26.969 26.980 27.003 27.016 27.030 27.047 27.061	29.235 29.303 29.361 29.418 29.474 29.535 29.594 29.655 29.718 29.779	26.931 26.953 26.964 26.975 26.985 26.998 27.011 27.025 27.042 27.056	116.9 114.9 114.0 112.9 112.1 110.8 109.7 108.4 106.8 105.5	10.154 10.270 10.384 10.498 10.610 10.722 10.832 10.941 11.049 11.155	90.5 90.5 90.5 90.6 90.6 90.6 90.5	1479.1 1479.0 1479.0 1479.0 1478.7 1478.7 1478.6 1478.6	3055.1 3156.3 3258.7 3362.3 3466.9 3572.7 3679.5 3787.5 3896.5 4006.5	31.4 11.2 10.9 2.1 13.8 16.4 10.3 15.9 7.6 17.6
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.7 645.7 655.6 665.5 675.4 685.3	4.724 4.671 4.621 4.618 4.645 4.629 4.549 4.508 4.483 4.461	4.677 4.624 4.574 4.569 4.595 4.579 4.499 4.457 4.431 4.408	34.193 34.201 34.208 34.230 34.248 34.262 34.269 34.272 34.273 34.278	27.072 27.084 27.095 27.113 27.124 27.138 27.152 27.159 27.163 27.169	29.836 29.895 29.952 30.016 30.072 30.132 30.193 30.246 30.296 30.348	27.066 27.079 27.090 27.108 27.119 27.132 27.146 27.153 27.157 27.163	104.6 103.4 102.4 100.9 99.9 98.8 97.4 96.8 96.5 96.0	11.260 11.363 11.466 11.568 11.668 11.768 11.866 11.963 12.059 12.156	90.5 90.5 90.4 90.4 90.4 90.4 90.4	1478.6 1478.6 1478.5 1478.7 1479.0 1479.0 1479.0 1479.0 1479.1	4117.6 4229.7 4342.9 4457.0 4572.2 4688.3 4805.4 4923.4 5042.4 5162.4	9.4 10.3 17.6 12.3 8.8 15.3 7.1 12.9 4.7 6.5
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.435 4.411 4.389 4.410 4.422 4.400 4.329 4.319 4.286 4.288	4.382 4.357 4.354 4.354 4.365 4.343 4.271 4.260 4.226 4.228	34.286 34.297 34.304 34.320 34.334 34.345 34.345 34.345 34.357 34.366 34.371	27.178 27.190 27.198 27.208 27.218 27.227 27.237 27.237 27.247 27.258 27.262	30.404 30.462 30.516 30.571 30.627 30.682 30.739 30.795 30.852 30.902	27.173 27.184 27.192 27.202 27.212 27.221 27.231 27.241 27.252 27.256	89.2 88.3	12.251 12.346 12.439 12.533 12.625 12.716 12.807 12.896 12.985 13.073	90.4 90.3 90.3 90.4 90.3 90.3 90.3 90.2	1479.2 1479.2 1479.3 1479.6 1479.8 1479.9 1479.9 1479.9 1480.0 1480.1	5283.3 5405.1 5527.9 5651.5 5776.1 5901.6 6028.0 6155.2 6283.4 6412.4	10.0 6.8 12.7 12.4 7.1 4.2 8.3 8.9 6.9
800.0 810.0 820.0 830.0 840.0 850.0 860.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.267 4.240 4.213 4.197 4.183 4.151 4.126 4.114 4.088 4.056	4.206 4.178 4.151 4.134 4.119 4.087 4.062 4.048 4.021 3.989	34.375 34.380 34.388 34.391 34.405 34.412 34.415 34.419 34.426	27.267 27.274 27.284 27.288 27.293 27.304 27.313 27.316 27.322 27.331	30.953 31.006 31.062 31.112 31.163 31.220 31.275 31.324 31.376 31.431	27.261 27.268 27.278 27.281 27.287 27.297 27.306 27.309 27.315 27.324	85.8 85.3 84.4 83.6 83.4 82.8	13.161 13.248 13.335 13.421 13.506 13.591 13.675 13.759 13.842 13.924	90.2 90.1 90.2 90.2 90.2 90.2 90.2 90.3	1480.2 1480.3 1480.4 1480.6 1480.6 1480.7 1480.8 1480.8	6542.3 6673.0 6804.6 6937.0 7070.3 7204.4 7339.4 7475.1 7611.7 7749.1	4.2 5.4 2.2 9.8 11.9 4.8 5.4 9.2
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.3 982.3	4.042 4.016 3.993 3.965 3.949 3.923 3.906 3.898 3.875 3.854	3.975 3.948 3.924 3.895 3.879 3.852 3.834 3.826 3.802 3.781	34.428 34.431 34.445 34.443 34.449 34.452 34.454 34.458 34.461	27.334 27.339 27.345 27.356 27.356 27.363 27.368 27.370 27.375 27.380	31.480 31.532 31.584 31.637 31.687 31.791 31.839 31.890 31.941	27.327 27.332 27.338 27.344 27.349 27.356 27.360 27.362 27.368 27.372	80.9 80.3 79.9 79.3 78.9 78.8 78.8	14.006 14.087 14.169 14.249 14.329 14.409 14.488 14.567 14.645 14.723	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1481.0 1481.1 1481.2 1481.3 1481.4 1481.4 1481.6 1481.7 1481.7	7887.3 8026.3 8166.1 8306.7 8590.2 8733.1 8876.9 9021.3 9166.6	1.1 1.6 11.3 2.5 6.6 9.3 5.2 4.6 14.3

Station	9	Latitude	32° 16.	72'N	Longitu	de 127°	17.70'W	26	Apr 1991	GMT	5:39	Bottom	2375 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn. Ht	LTR	sv	TF	N ²
db	m	•c	.c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	J/kg	0/0		TF m ³ /s ²	$10^{6}/s^{2}$
1000.0	992.1	3.851	3.777	34.462	27.381	31.988	27.373	77.9	14.801	90.2	1481.9	9312.6	1.1
1020.0	1011.9	3.759	3.684	34.469	27.396	32.097	27.388	76.4	14.956	90.2		9606.9	8.4
1040.0	1031.7	3.711	3.634	34.475	27.405	32.198	27.398	75.6	15.108	90.2	1482.0	9904.2	2.9
1060.0	1051.5	3.651	3.573	34.484	27.419	32.305	27.411	74.4	15.257	90.2	1482.1	10204.4	8.1
1080.0 1100.0	1071.2 1091.0	3.609 3.559	3.530 3.479	34.492	27.429	32.407	27.421	73.5	15.405	90.2	1482.2	10507.6	3.5
1120.0	1110.8	3.525	3.443	34.496 34.498	27.438	32.508	27.430	72.7	15.551	90.2	1482.4	10813.6	2.6
1140.0	1130.6	3.465	3.382	34.503	27.443 27.453	32.605 32.708	27.435	72.3	15.696	90.2	1482.5	11122.5	7.3
1160.0	1150.3	3.412	3.328	34.505	27.459	32.807	27.445 27.451	71.4 70.8	15.840 15.982	90.2	1482.6 1482.7	11434.2 11748.7	6.1 1.7
1180.0	1170.1	3.364	3.279	34.510	27.468	32.908	27.460	70.0	16.123	90.2	1482.9	12066.0	5.9
1200.0	1189.8												
1220.0	1209.6	3.322 3.287	3.236 3.200	34.513 34.516	27.474	33.007	27.466	69.4	16.262	90.2	1483.0	12386.0	6.7
1240.0	1229.4	3.257	3.168	34.520	27.480 27.487	33.105	27.472	68.9	16.400	90.3	1483.2	12708.7	3
1260.0	1249.1	3.211	3.120	34.524	27.494	33.203 33.304	27.478	68.4	16.538	90.3	1483.4	13034.1	4.4
1280.0	1268.9	3.194	3.102	34.526	27.497	33.398	27.486 27.489	67.7 67.5	16.674 16.809	90.2	1483.6 1483.8	13362.1	-2.0
1300.0	1288.6	3.163	3.069	34.529	27.503	33.495	27.494	67.1	16.944	90.3	1484.0	13692.8 14026.2	5 3.0
1320.0	1308.4	3.101	3.007	34.534	27.512	33.598	27.504	66.1	17.077	90.2	1484.1	14362.1	3.6
1340.0	1328.1	3.044	2.949	34.539	27.521	33.700	27.513	65.2	17.208	90.3	1484.2	14700.7	5.9
1360.0	1347.9	3.013	2.917	34.542	27.527	33.798	27.518	64.7	17.338	90.3	1484.4	15041.7	5.1
1380.0	1367.6	2.961	2.863	34.547	27.536	33.899	27.527	63.9	17.466	90.3	1484.5	15385.3	5.9
1400.0	1387.3	2.914	2.815	34.549	27.542	33,997	27.533	C2 2					
1420.0	1407.1	2.884	2.784	34.550	27.545	34.093	27.533	63.3 63.0	17.593 17.719	90.3	1484.6 1484.8	15731.4	5.1
1440.0	1426.8	2.854	2.752	34.552	27.550	34.190	27.541	62.6	17.845	90.2	1485.1	16079.9 16430.9	9.8
1460.0	1446.6	2.827	2.724	34.555	27.554	34,286	27.545	62.2	17.969	90.2	1485.3	16784.3	4.5
1480.0	1466.3	2.807	2.703	34.558	27.559	34.382	27.550	61.8	18.094	90.3	1485.5	17140.2	7.2
1500.0	1486.0	2.771	2.665	34.561	27.565	34.480	27.556	61.3	18,217	90.3	1485.7	17498.4	2.8
1520.0	1505.8	2.740	2.633	34.563	27.569	34.576	27.560	60.9	18.339	90.3	1485.9	17859.1	1.1
1540.0	1525.5	2.707	2.599	34.567	27.575	34.674	27.566	60.3	18.460	90.3	1486.1	18222.1	4.9
1560.0 1580.0	1545.2	2.680	2.571	34.570	27.580	34.771	27.571	59.9	18.580	90.3	1486.3	18587.4	1.1
1380.0	1564.9	2.667	2.556	34.571	27.582	34.864	27.572	59.8	18.700	90.3	1486.6	18955.1	1.4
1600.0	1584.7	2.648	2.536	34.572	27.585	34.958	27.575	59.6	18,819	90.3	1486.9	19325.1	1.4
1620.0	1604.4	2.604	2.491	34.577	27.593	35.058	27.583	58.8	18.938	90.4	1487.0	19697.4	4.0
1640.0	1624.1	2.577	2.463	34.578	27.596	35.153	27.586	58.6	19.055	90.3	1487.2	20072.0	1.7
1660.0	1643.8	2.548	2.432	34.581	27.601	35.250	27.591	58.1	19.172	90.3	1487.4	20448.8	1.4
1680.0	1663.5	2.529	2.412	34.583	27.604	35.344	27.594	57.8	19.288	90.3	1487.7	20827.9	3.5
1700.0 1720.0	1683.3	2.517	2.398	34.584	27.606	35.437	27.596	57.7	19.403	90.3	1488.0	21209.3	2.1
1740.0	1703.0 1722.7	2.497 2.468	2.376	34.586	27.609	35.532	27.599	57.4	19.518	90.3	1488.2	21592.9	3.2
1760.0	1742.4	2.427	2.346 2.304	34.589 34.592	27.614	35.628	27.604	57.0	19.633	90.3	1488.4	21978.7	8.8
1780.0	1762.1	2.397	2.273	34.594	27.620 27.625	35.726 35.823	27.610 27.614	56.4	19.746	90.3	1488.6	22366.8	3.3
						33.623	27.014	55.9	19.859	90.4	1488.8	22757.0	. 9
1800.0	1781.8	2.370	2.245	34.597	27.629	35.919	27.619	55.5	19.970	90.3	1489.0	23149.4	2.1
1820.0 1840.0	1801.5	2.333	2.207	34.600	27.635	36.017	27.624	54.9	20.081	90.4	1489.2	23543.9	2.7
1860.0	1821.2 1840.9	2.307 2.287	2.179 2.158	34.602	27.638	36.112	27.628	54.6	20.190	90.4	1489.4	23940.6	4.2
1880.0	1860.6	2.250	2.120	34.603 34.607	27.641 27.647	36.206 36.304	27.631 27.637	54.3	20.299	90.4	1489.7	24339.4	3.6
1900.0	1880.3	2.247	2.115	34.607	27.648	36.395	27.637	53.7 53.7	20.407 20.515	90.4	1489.9	24740.2	1.0
1920.0	1900.0	2.224	2.091	34.610	27.652	36.490	27.641	53.4	20.515	90.4	1490.2 1490.4	25143.2 25548.2	2.2 4.2
	1919.7	2.204	2.069	34.611	27.654	36.584	27.644	53.1	20.729	90.4	1490.7	25955.3	1
	1939.3	2.189	2.053	34.612	27.657	36.678	27.646	52.9	20.835	90.4	1490.9	26364.5	.5
1980.0	1959.0	2.168	2.030	34.615	27.660	36.772	27.649	52.6	20.940	90.4	1491.2	26775.7	5.8
2000.0	1978.7	2.160	2.021	34.615	27.662	36.864	27.650	52.5					
	2027.9	2.092	1.950	34.621	27.672	37.103	27.660	51.5	21.045 21.306	90.4 90.4	1491.5 1492.0	27188.9	.2 4.0
	2075.1	2.064	1.918	34.624	27.677	37.325	27.665	51.1	21.553	90.4	1492.7	28230.9 29242.9	1.0
					• • · ·					20.4	1776.1	C 7444. 9	

Station	10	Latitude	32* 18.	16'N	Longitu	de 127°	22.21'W	27	Apr 1991	GMT 7	:50	Bottom	4350 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.220 15.219 15.170 15.032 14.381 14.500 14.542 14.564 14.787 14.977	15.220 15.217 15.167 15.027 14.375 14.493 14.533 14.554 14.775 14.964	33.206 33.207 33.287 33.302 33.172 33.219 33.240 33.249 33.327 33.434	24.542 24.616 24.658 24.697 24.709 24.716 24.719 24.732 24.773	24.542 24.588 24.704 24.790 24.874 24.982 25.028 25.085 25.170	24.542 24.543 24.615 24.696 24.707 24.715 24.717 24.729 24.771	338.4 338.5 332.0 328.3 324.8 324.0 323.5 323.6 322.7 319.1	.000 .339 .676 1.006 1.332 1.657 1.980 2.304 2.627 2.949	88.6 89.6 89.8 89.7 89.7 89.8 89.7 89.6 89.7	1505.9 1506.0 1506.2 1505.9 1503.8 1504.4 1505.0 1506.0 1506.9	.0 1.7 6.7 15.1 26.8 41.7 59.8 81.1 105.7	.0 7 117.6 27.1 2.7 6.8 3.0 1.6 8.3 54.4
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.2	14.792 13.700 12.920 11.243 10.703 10.461 10.060 9.793 9.450 9.289	14.777 13.684 12.904 11.227 10.687 10.443 10.042 9.774 9.431 9.268	33.457 33.340 33.270 33.056 33.082 33.153 33.196 33.218 33.292 33.387	24.831 24.970 25.073 25.222 25.337 25.435 25.537 25.539 25.712 25.813	25.273 25.458 25.607 25.805 25.967 26.110 26.258 26.258 26.526 26.672	24.828 24.967 25.070 25.219 25.335 25.432 25.534 25.709 25.809	313.8 300.7 291.0 276.7 265.7 256.7 247.1 241.3 230.6 221.2	3.267 3.571 3.866 4.146 4.417 4.678 4.931 5.413 5.639	89.1 89.3 89.7 89.8 89.9 90.1 90.2 90.2 90.2	1506.5 1502.9 1500.4 1494.5 1492.8 1492.1 1490.9 1490.1 1489.1 1488.8	164.4 198.4 235.5 275.4 318.0 363.2 411.0 461.3 514.0 568.9	178.2 41.3 201.0 80.9 60.3 36.8 91.8 137.7
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.091 8.931 8.785 8.677 8.555 8.405 8.264 8.178 8.063 7.890	9.069 8.909 8.762 8.653 8.530 8.379 8.237 8.150 8.035 7.861	33.519 33.614 33.744 33.840 33.884 33.941 33.966 33.987 34.007	25.948 26.048 26.173 26.264 26.318 26.386 26.427 26.456 26.459 26.516	26.853 26.999 27.169 27.307 27.406 27.520 27.607 27.607 27.761 27.834	25.944 26.044 26.169 26.261 26.382 26.423 26.452 26.485 26.511	208.6 199.2 187.5 179.0 174.1 167.8 164.0 161.3 158.3	5.852 6.056 6.250 6.433 6.610 6.781 6.947 7.110 7.269 7.426	90.2 90.3 90.3 90.3 90.3 90.3 90.3 90.3	1488.4 1488.1 1487.9 1487.5 1487.2 1486.8 1486.4 1486.4	626.1 685.3 746.4 809.4 874.3 940.8 1009.0 1078.8 1150.2 1223.2	77.0 89.9 94.6 103.4 62.6 29.8 47.7 31.8 18.7 30.6
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 367.9 387.8	7.576 7.431 7.144 7.105 6.966 6.760 6.625 6.415 6.333 6.195	7.547 7.401 7.114 7.074 6.935 6.728 6.592 6.382 6.380 6.161	34.005 34.018 34.005 34.003 34.007 34.010 34.009 34.009 34.012 34.022	26.558 26.590 26.619 26.624 26.646 26.676 26.673 26.721 26.734 26.759	27.924 28.002 28.080 28.129 28.198 28.275 28.339 28.414 28.474 28.546	26.554 26.585 26.615 26.619 26.642 26.672 26.716 26.716 26.729 26.755	151.8 148.9 146.0 145.8 143.7 140.9 139.3 136.7 135.5	7.580 7.730 7.878 8.024 8.169 8.311 8.451 8.725 8.725	90.3 90.4 90.4 90.4 90.4 90.4 90.5 90.5	1484.9 1484.5 1483.5 1483.5 1483.1 1482.5 1482.1 1481.3 1481.3	1297.7 1373.8 1451.3 1530.2 1610.6 1692.4 1775.6 1860.2 1946.1 2033.4	18.3 25.0 7.1 5.0 35.2 23.4 35.4 11.9 24.2
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.7 417.6 427.5 437.4 447.4 457.3 467.2 477.1	6.103 5.998 5.931 5.827 5.744 5.672 5.595 5.536 5.493 5.380	6.069 5.963 5.895 5.791 5.706 5.634 5.557 5.497 5.493 5.340	34.028 34.036 34.037 34.045 34.056 34.065 34.070 34.076 34.080 34.081	26.776 26.796 26.805 26.824 26.843 26.859 26.873 26.889 26.893	28.609 28.676 28.732 28.797 28.863 28.925 28.985 29.044 29.098 29.159	26.771 26.792 26.801 26.820 26.839 26.855 26.868 26.888 26.888	131.6 129.7 128.9 127.2 125.4 124.0 122.8 121.6 121.0 119.7	8.992 9.122 9.252 9.380 9.506 9.630 9.754 9.876 9.998 10.118	90.5 90.5 90.5 90.6 90.5 90.6 90.5	1480.7 1480.5 1480.4 1480.0 1480.0 1479.9 1479.7 1479.6 1479.6	2122.0 2211.8 2303.0 2395.4 2489.1 2584.1 2680.2 2777.6 2876.2 2975.9	14.8 18.3 33.5 20.6 8.9 10.7 15.0 6.8 14.7 15.9
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	497.0 506.8 516.8 526.7 536.6 546.5 556.4 576.3 586.2	5.335 5.301 5.256 5.139 5.109 5.007 4.928 4.868 4.765	5.294 5.259 5.214 5.097 5.065 4.964 4.884 4.763 4.719	34.096 34.108 34.112 34.122 34.131 34.140 34.150 34.154 34.159 34.165	26.924 26.938 26.947 26.968 26.979 26.998 27.014 27.025 27.035 27.045	29.223 29.283 29.337 29.406 29.463 29.529 29.592 29.650 29.706 29.763	26.919 26.933 26.942 26.963 26.973 26.993 27.009 27.020 27.030 27.040	118.1 116.9 116.1 114.1 113.2 111.4 109.8 108.8 107.9 107.0	10.237 10.354 10.471 10.586 10.700 10.812 10.923 11.032 11.141 11.248	90.6 90.5 90.6 90.6 90.6 90.5 90.5	1479.3 1479.4 1479.4 1479.1 1479.1 1478.9 1478.7 1478.6 1478.6	3076.9 3179.0 3282.3 3386.7 3492.2 3598.8 3706.6 3815.4 3925.3 4036.3	22.9 5.6 23.2 12.9 20.6 19.1 15.3 4.4 23.8 7.1
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.8 645.7 655.6 665.4	4.730 4.715 4.708 4.694 4.661 4.665 4.566 4.538 4.529	4.683 4.668 4.660 4.645 4.611 4.569 4.554 4.514 4.486	34.176 34.189 34.195 34.200 34.211 34.226 34.230 34.234 34.234 34.242	27.058 27.070 27.076 27.081 27.094 27.110 27.115 27.122 27.132 27.138	29.822 29.879 29.932 29.983 30.042 30.105 30.155 30.269 30.264 30.317	27.053 27.064 27.071 27.076 27.088 27.105 27.109 27.117 27.117 27.126 27.133	105.9 104.9 104.4 104.0 102.9 101.3 101.0 100.3 99.0	11.354 11.460 11.564 11.668 11.772 11.874 11.975 12.076 12.176 12.275	90.5 90.4 90.4 90.4 90.4 90.4 90.4 90.4	1478.6 1478.7 1478.9 1479.0 1479.0 1479.1 1479.1 1479.2 1479.3	4148.3 4261.4 4375.5 4490.6 4606.8 4723.9 4842.1 4961.3 5081.4 5202.5	8.5 7.9 6.2 7.4 23.5 4.5 6.5 5.0 7.4 9.7
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.551 4.482 4.499 4.450 4.442 4.426 4.392 4.366	4.497 4.428 4.434 4.393 4.395 4.368 4.367 4.333 4.306	34.265 34.271 34.283 34.289 34.298 34.306 34.312 34.332 34.337 34.347	27.149 27.161 27.170 27.179 27.186 27.194 27.200 27.217 27.224 27.234	30.372 30.432 30.486 30.542 30.595 30.648 30.700 30.762 30.816 30.872	27.143 27.155 27.164 27.173 27.180 27.187 27.194 27.210 27.217 27.228	98.1 96.9 96.2 95.4 94.9 94.3 93.7 92.3 91.7 90.7	12.373 12.471 12.568 12.663 12.759 12.853 12.947 13.040 13.132 13.223	90.3 90.3 90.3 90.3 90.3 90.3 90.3 90.3	1479.6 1479.5 1479.7 1479.7 1479.9 1480.0 1480.1 1480.4 1480.4	5324.6 5447.7 5571.7 5696.6 5822.5 5949.4 6077.1 6205.8 6335.4 6465.9	3.9 7.1 9.5 4.2 4.8 11.5 10.7 8.3 12.7
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.351 4.348 4.322 4.297 4.278 4.258 4.241 4.208 4.167 4.152	4.290 4.286 4.260 4.233 4.214 4.194 4.175 4.142 4.100 4.084	34.356 34.369 34.374 34.380 34.384 34.390 34.398 34.409 34.415	27.243 27.249 27.257 27.264 27.271 27.276 27.283 27.293 27.306 27.312	30.927 30.979 31.033 31.086 31.138 31.190 31.242 31.299 31.358 31.411	27.237 27.242 27.251 27.257 27.264 27.269 27.276 27.286 27.299 27.305	90.0 89.5 88.8 88.2 87.7 87.2 86.7 85.8 84.6	13.314 13.403 13.493 13.581 13.669 13.757 13.844 13.930 14.015 14.099	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1480.5 1480.7 1480.8 1480.8 1480.9 1481.0 1481.1 1481.2 1481.2	6597.3 6729.5 6862.7 6996.7 7131.6 7267.3 7403.9 7541.4 7679.6 7818.8	6.0 13.0 10.7 8.7 5.4 1.6 11.6 11.6 8.7
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.106 4.089 4.046 4.026 3.999 3.976 3.971 3.936 3.905 3.862	4.038 4.020 3.977 3.956 3.928 3.905 3.899 3.864 3.832 3.788	34.422 34.425 34.431 34.437 34.443 34.443 34.450 34.455 34.460	27.323 27.327 27.336 27.341 27.346 27.351 27.354 27.362 27.370 27.379	31.468 31.518 31.573 31.624 31.676 31.727 31.775 31.831 31.884 31.940	27.316 27.320 27.328 27.333 27.339 27.344 27.346 27.355 27.362 27.371	83.0 82.7 81.9 81.4 81.0 80.5 80.4 79.6 78.9 78.1	14.183 14.266 14.348 14.429 14.511 14.592 14.672 14.752 14.831 14.910	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1481.3 1481.4 1481.3 1481.4 1481.5 1481.6 1481.7 1481.7 1481.8 1481.8	7958.7 8099.5 8241.0 8383.4 8526.6 8670.5 8815.3 8960.8 9107.1 9254.2	13.1 -1.0 .8 4.0 9.3 7.8 7.3 8.7 6.1

Station	10	Latitude	32° 18.	16'N	Longitu	de 127°	22.21'W	27	Apr 1991	GMT	7:50	Bottom	4350 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn.Ht	LTR	sv	TF	N ²
db	m	•c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	$10^8 \text{m}^3/\text{kg}$		0/0		m ³ /s ²	$10^{6}/s^{2}$
1000.0	992.2	3.826	3.752	34.465	27.386	31.994	27.378	77.4	14.987	90.2	1481.8	9402.1	
1020.0 1040.0	1011.9 1031.7	3.781 3.739	3.705	34.470	27.395	32.095	27.387	76.6	15.141	90.2	1481.9	9700.0	2.3
1060.0	1051.5	3.697	3.662 3.619	34.476 34.480	27.403 27.411	32.196 32.296	27.396 27.404	75.9 75.2	15.294	90.3	1482.1	10001.0	8
1080.0	1071.3	3.654	3.575	34.485	27.419	32.396	27.412	74.5	15.445 15.594	90.2	1482.3 1482.4	10305.0 10611.8	3.5
1100.0	1091.0	3.591	3.510	34.493	27.432	32,501	27.424	73.3	15.742	90.2	1482.5	10921.6	4.7
1120.0 1140.0	1110.8 1130.6	3.520 3.492	3.439 3.409	34.498 34.501	27.444	32.606	27.435	72.2	15.888	90.2	1482.5	11234.3	8.2
1160.0	1150.3	3.453	3.369	34.506	27.449 27.456	32.703 32.803	27.441 27.448	71.9 71.2	16.032 16.175	90.2	1482.7 1482.9	11549.8	1.5 5.3
1180.0	1170.1	3.412	3.326	34.510	27.464	32.903	27.455	70.5	16.316	90.3	1483.1	11868.1 12189.2	.0
1200.0	1189.9	3.374	3.287	34.514	27.470	33,001	27.462	70.0	16.457	90.2	1483.2	12513.0	4.7
1220.0	1209.6	3.330	3.242	34.517	27.477	33.100	27.469	69.4	16.596	90.2	1483.4	12839.5	2.1
1240.0 1260.0	1229.4 1249.1	3.286 3.244	3.196	34.521	27.485	33.201	27.476	68.7	16.734	90.3		13168.8	1.8
1280.0	1268.9	3.193	3.153 3.102	34.526 34.529	27.492 27.500	33.300 33.400	27.484 27.491	68.0 67.3	16.870 17.006	90.3	1483.7	13500.7	2.4
1300.0	1288.6	3.160	3.067	34.531	27.505	33.498	27.496	66.8	17.140	90.3	1483.8 1484.0	13835.3 14172.6	1.8 1.8
1320.0	1308.4	3.100	3.006	34.538	27.516	33.602	27.507	65.8	17.272	90.2	1484.1	14512.4	3.6
1340.0 1360.0	1328.1 1347.9	3.057 3.015	2.962 2.918	34.540 34.543	27.522	33.700	27.513	65.2	17.403	90.3	1484.2	14854.8	3.0
1380.0	1367.6	2.976	2.878	34.546	27.528 27.534	33.798 33.897	27.519 27.525	64.7 64.1	17.533 17.661	90.3	1484.4 1484.6	15199.7	3.6
1400.0	1387.4	2.934	2.835	34.550	27.541							15547.1	1.0
1420.0	1407.1	2.919	2.818	34.551	27.544	33.996 34.090	27.532 27.535	63.5 63.3	17.789 17.916	90.3	1484.7 1485.0	15897.0 16249.4	1.9 2.2
1440.0	1426.8	2.886	2.784	34.554	27.549	34.187	27.540	62.8	18.042	90.3	1485.2	16604.3	3.6
1460.0 1480.0	1446.6	2.872	2.769	34.556	27.551	34.281	27.542	62.7	18.167	90.3	1485.5	16961.6	1.3
1500.0	1466.3 1486.1	2.816 2.775	2.712 2.669	34.560 34.564	27.560 27.567	34.383	27.551	61.8	18.292	90.4	1485.6	17321.4	7
1520.0	1505.8	2.752	2.645	34.566	27.570	34.482 34.577	27.558 27.561	61.1 60.9	18.415 18.537	90.3	1485.7 1486.0	17683.5 18048.1	2.8
1540.0	1525.5	2.724	2.616	34.568	27.574	34.672	27.565	60.5	18.659	90.3	1486.2	18415.0	4.9 1.4
1560.0	1545.2	2.701	2.591	34.569	27.578	34.767	27.568	60.2	18.779	90.3	1486.4	18784.3	.2
1580.0	1565.0	2.653	2.542	34.573	27.585	34.867	27.575	59.5	16.899	90.3	1486.5	19155.9	2.6
1600.0 1620.0	1584.7 1604.4	2.625 2.584	2.513 2.471	34.575	27.589	34.963	27.579	59.1	19.018	90.3	1486.8	19529.8	2.9
1640.0	1624.1	2.570	2.455	34.580 34.581	27.596 27.599	35.063 35.157	27.587 27.589	58.4	19.135	90.4	1486.9	19906.0	6.4
1660.0	1643.8	2.547	2.431	34.584	27.603	35.252	27.593	58.2 57.9	19.252 19.368	90.4 90.4	1487.2 1487.4	20284.4 20665.2	2.6 .0
1680.0	1663.6	2.507	2.390	34.586	27.608	35.350	27.598	57.3	19.483	90.4	1487.6	21048.1	4.7
1700.0	1683.3	2.476	2.358	34.589	27.613	35.446	27.603	56.9	19.597	90.4	1487.8	21433.3	1.5
1720.0 1740.0	1703.0 1722.7	2.460 2.429	2.341 2.308	34.590 34.593	27.616	35.540	27.606	56.7	19.711	90.4	1488.1	21820.7	2.6
1760.0	1742.4	2.407	2.284	34.595	27.621 27.624	35.637 35.731	27.611 27.614	56.2 55.9	19.824 19.936	90.4	1488.3 1488.5	22210.3	1.2
1780.0	1762.1	2.382	2.258	34.597	27.628	35.827	27.617	55.6	20.047	90.4 90.4	1488.7	22602.1 22996.0	.6 3.3
1800.0	1781.8	2.358	2.233	34.599	27.632	35.922	27.621	55.2	20.158	90.4	1489.0	23392.1	1.5
1820.0	1801.5	2.336	2.210	34.601	27.635	36.017	27.625	54.9	20.268	90.4	1489.2	23790.4	2.7
1840.0 1860.0	1821.2 1840.9	2.309 2.303	2.181 2.173	34.603 34.604	27.639	36.113	27.629	54.5	20.377	90.4	1489.4	24190.7	1.6
1880.0	1860.6	2.285	2.154	34.605	27.640 27.643	36.204 36.298	27.630 27.632	54.5 54.3	20.486 20.595	90.4	1489.7	24593.2	3.4
1900.0	1880.3	2.252	2.121	34.607	27.647	36.394	27.637	53.8	20.703	90.4	1490.0 1490.2	24997.7 25404.4	3.9 3.9
1920.0 1940.0	1900.0	2.205	2.072	34.611	27.654	36.494	27.644	53.0	20.809	90.4	1490.3	25813.1	2
1960.0	1919.7 1939.4	2.192 2.163	2.057 2.027	34.613 34.616	27.657 27.662	36.587	27.646	52.8	20.915	90.4	1490.6	26223.9	6.0
1980.0	1959.1	2.134	1.997	34.618	27.666	36.684 36.779	27.651 27.655	52.3 51.9	21.020 21.125	90.4	1490.8 1491.0	26636.7 27051.6	4.6 2.2
2000.0	1978.7	2.116	1.978	34.619	27.668	36.873	27.657	51.7	21.228				
2050.0	2027.9	2.073	1.931	34.624	27.676	37.107	27.664	51.1	21.228	90.4	1491.3 1492.0	27468.4 28519.2	2.2
2096.0	2073.2	2.032	1.886	34.627	27.682	37.323	27.670	50.5	21.719	90.4	1492.5	29496.9	.ō

Station		Latitude				ide 127°		27	Apr 1991			Bottom	
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	kg/m ³	10 ⁸ m ³ /kg	-	LTR 0/0	sv m/s	m ³ /s ²	N ²
10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.240 15.241 15.237 14.917 14.728 14.448 14.387 14.378 14.348 14.375	15.240 15.239 15.234 14.913 14.722 14.441 14.378 14.368 14.337 14.362	33.226 33.225 33.224 33.234 33.214 33.215 33.227 33.258 33.303	24.553 24.552 24.553 24.638 24.671 24.716 24.730 24.741 24.772 24.801	24.553 24.596 24.642 24.770 24.848 24.937 24.996 25.051 25.126 25.129	24.553 24.552 24.552 24.637 24.670 24.715 24.728 24.739 24.769 24.798	337.3 337.9 330.2 327.2 327.2 322.2 321.5 318.8 316.3	.000 .338 .675 1.011 1.339 1.664 1.987 2.308 2.629 2.946	89.8 89.8 89.8 89.8 89.8 89.7 89.5	1506.0 1506.1 1506.3 1505.5 1505.0 1504.2 1504.4 1504.5	.0 1.7 6.7 15.1 26.8 41.8 60.0 81.4 106.0	-01 -1.6 103.8 68.0 10.6 17.0 14.7 52.2 24.7
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.1	14.403 13.222 11.635 10.948 10.669 10.158 9.772 9.389 9.240 9.165	14.388 13.207 11.620 10.932 10.652 10.141 9.754 9.370 9.221 9.144	33.328 33.197 33.039 33.052 33.061 33.145 33.224 33.354 33.499 33.558	24.815 24.956 25.137 25.271 25.327 25.480 25.606 25.770 25.908 25.967	25.257 25.445 25.675 25.855 25.957 26.157 26.329 26.722 26.827	24.812 24.953 25.135 25.269 25.325 25.478 25.604 25.767 25.905 25.964	315.3 301.9 284.6 271.9 266.7 252.2 244.9 212.0 206.6	3.262 3.573 3.866 4.145 4.415 4.672 4.918 5.150 5.368 5.577	89.2 89.6 89.7 89.8 89.9 90.2 90.2 90.2	1505.0 1501.2 1495.7 1493.4 1492.6 1491.0 1489.9 1488.8 1488.6 1488.5	164.6 198.7 235.7 275.6 318.2 363.4 411.1 461.2 513.5 567.9	16.5 146.9 134.8 169.6 220.5 80.7 102.3 119.5 138.2 22.0
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.6 278.6 288.5	8.985 8.795 8.790 8.693 8.530 8.388 8.241 8.112 7.994 7.747	8.964 8.773 8.767 8.669 8.505 8.362 8.214 8.085 7.966 7.719	33.637 33.715 33.799 33.849 33.884 33.927 33.957 33.957 33.976 33.999	26.056 26.148 26.215 26.269 26.322 26.377 26.423 26.457 26.493 26.531	26.962 27.100 27.212 27.311 27.410 27.511 27.603 27.684 27.765 27.850	26.053 26.144 26.211 26.265 26.318 26.373 26.419 26.453 26.489 26.527	198.2 189.7 183.5 178.6 173.7 168.6 164.3 161.2 157.9 154.3	5.780 5.973 6.159 6.340 6.516 6.686 6.852 7.015 7.175 7.331	90.3 90.3 90.3 90.3 90.3 90.4 90.4	1488.1 1487.7 1487.9 1487.4 1487.1 1486.7 1486.2 1485.4	624.4 682.8 743.1 805.2 869.1 934.7 1001.9 1070.8 1141.3 1213.3	56.8 89.6 61.2 55.9 24.8 33.0 39.4 46.5 15.7
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	7.574 7.520 7.361 7.185 7.107 6.926 6.843 6.694 6.576 6.467	7.545 7.490 7.331 7.154 7.075 6.894 6.809 6.660 6.542 6.432	34.000 33.999 34.002 34.004 34.009 34.010 34.013 34.015 34.015	26.555 26.562 26.587 26.613 26.623 26.665 26.665 26.705 26.719	27.921 27.974 28.045 28.118 28.174 28.250 28.309 28.379 28.442 28.503	26.551 26.558 26.583 26.609 26.619 26.648 26.660 26.700 26.715	152.1 151.6 149.3 146.8 146.0 143.2 142.2 142.2 138.5 137.2	7.484 7.636 7.787 7.935 8.082 8.226 8.369 8.510 8.650 8.787	90.4 90.5 90.5 90.5 90.5 90.5 90.5 90.5	1484.9 1484.8 1484.4 1483.8 1483.7 1483.2 1483.0 1482.6 1482.3 1482.0	1286.9 1362.0 1438.6 1516.6 1596.1 1677.1 1759.5 1843.2 1928.4 2014.9	23.5 34.4 13.8 9.7 13.2 5.9 16.1 12.3 26.9 12.8
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.6 417.6 427.5 437.4 447.3 467.2 477.1 487.0	6.344 6.222 6.121 6.003 5.925 5.779 5.713 5.617 5.502 5.467	6.308 6.186 6.085 5.966 5.888 5.741 5.578 5.578 5.462 5.426	34.018 34.020 34.022 34.028 34.031 34.030 34.033 34.037 34.044 34.048	26.737 26.755 26.7789 26.789 26.801 26.819 26.829 26.844 26.864 26.871	28.568 28.633 28.694 28.760 28.819 28.884 28.940 29.002 29.069 29.122	26.733 26.750 26.765 26.784 26.797 26.814 26.824 26.840 26.859 26.866	135.5 133.8 132.5 130.7 129.6 127.9 127.0 125.6 123.7 123.2	8.924 9.058 9.191 9.323 9.453 9.582 9.709 9.835 9.960 10.083	90.5 90.5 90.5 90.6 90.6 90.6 90.6	1481.7 1481.4 1481.1 1480.7 1480.2 1480.1 1479.6 1479.7	2102.8 2192.1 2282.6 2374.5 2467.6 2562.1 2657.8 2754.7 2852.9 2952.3	14.6 16.9 11.3 7.5 15.4 7.2 10.1 15.6 17.4
500.0 510.0 520.0 530.0 540.0 550.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.6 546.5 556.4 576.3 586.2	5.369 5.324 5.241 5.156 5.085 5.062 5.001 4.953 4.891 4.848	5.328 5.282 5.199 5.114 5.042 5.018 4.956 4.908 4.845 4.802	34.056 34.064 34.074 34.084 34.099 34.104 34.113 34.120 34.134 34.134	26.889 26.900 26.919 26.936 26.956 26.963 26.977 26.988 27.006 27.019	29.187 29.245 29.310 29.374 29.494 29.494 29.555 29.612 29.676 29.735	26.884 26.895 26.914 26.931 26.952 26.958 26.972 26.983 27.001 27.013	121.5 120.5 118.8 117.1 115.2 114.7 113.4 112.4 110.7	10.206 10.327 10.447 10.565 10.681 10.796 10.910 11.023 11.135 11.245	90.6 90.6 90.6 90.6 90.6 90.6 90.6	1479.4 1479.4 1479.3 1479.0 1479.0 1479.0 1479.0 1478.9 1478.9	3052.9 3154.8 3257.8 3362.0 3467.3 3573.8 3681.4 3790.1 3900.0 4010.9	4.8 17.9 32.9 5.3 17.6 13.5 12.4 15.6 16.5
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0 690.0	596.1 606.0 615.9 625.8 635.8 645.7 655.6 665.5 675.4 685.3	4.829 4.760 4.730 4.709 4.657 4.610 4.626 4.595 4.589 4.602	4.782 4.713 4.681 4.660 4.560 4.575 4.543 4.537 4.548	34.148 34.161 34.172 34.181 34.196 34.203 34.220 34.233 34.251 34.256	27.025 27.042 27.055 27.065 27.082 27.093 27.105 27.119 27.133 27.136	29.787 29.852 29.910 29.966 30.030 30.087 30.145 30.205 30.265 30.313	27.019 27.037 27.049 27.059 27.076 27.087 27.087 27.113 27.128 27.130	109.1 107.5 106.4 105.5 104.0 102.9 102.0 100.7 99.4 99.3	11.354 11.463 11.569 11.675 11.780 11.883 11.986 12.087 12.187 12.286	90.5 90.5 90.4 90.4 90.4 90.4 90.4	1479.0 1478.9 1478.9 1479.0 1479.0 1479.2 1479.3 1479.3 1479.7	4122.9 4236.0 4350.1 4465.3 4581.6 4698.8 4817.1 4936.3 5056.6 5177.8	11.2 19.4 6.5 7.7 8.0 12.6 18.2 20.6 2.1
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.8 744.7 754.6 764.5 774.4 784.3	4.598 4.602 4.554 4.459 4.459 4.427 4.402 4.341 4.287 4.293	4.544 4.547 4.498 4.433 4.402 4.369 4.344 4.283 4.228 4.228	34.269 34.288 34.295 34.298 34.308 34.315 34.326 34.333 34.331	27.147 27.162 27.173 27.182 27.193 27.202 27.214 27.226 27.230 27.235	30.369 30.430 30.488 30.544 30.657 30.714 30.774 30.824 30.874	27.141 27.155 27.167 27.176 27.187 27.196 27.207 27.220 27.224 27.229	98.4 97.1 96.1 95.2 94.2 93.4 91.2 90.9 90.5	12.385 12.483 12.579 12.675 12.770 12.864 12.957 13.049 13.140 13.230	90.4 90.3 90.4 90.3 90.3 90.3 90.3	1479.8 1480.0 1479.9 1479.9 1479.9 1480.0 1480.1 1480.0 1480.1	5300.0 5423.2 5547.3 5672.4 5798.4 5925.4 6053.2 6182.0 6311.7 6442.2	29.4 4.8 11.5 12.4 5.1 10.7 7.7 13.9 9.2 13.3
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.277 4.211 4.224 4.216 4.209 4.167 4.121 4.092 4.075 4.051	4.216 4.150 4.162 4.153 4.145 4.103 4.056 4.027 4.008 3.984	34.348 34.347 34.360 34.368 34.376 34.380 34.390 34.394 34.400 34.406	27.245 27.251 27.260 27.268 27.274 27.282 27.295 27.302 27.308 27.316	30.930 30.984 31.038 31.091 31.144 31.198 31.258 31.310 31.363 31.417	27.238 27.245 27.254 27.261 27.268 27.276 27.288 27.295 27.301 27.309	89.7 89.0 88.3 87.7 87.1 86.4 85.2 84.7 84.1	13.320 13.410 13.498 13.587 13.674 13.761 13.847 13.932 14.016	90.3 90.3 90.3 90.3 90.2 90.3 90.2 90.3	1480.2 1480.1 1480.5 1480.6 1480.6 1480.6 1480.7 1480.8	6573.7 6706.0 6839.2 6973.2 7108.2 7244.0 7380.6 7518.1 7656.4 7795.5	6.3 9.8 6.9 13.3 10.4 7.2 10.1 7.8 13.1
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.031 4.013 3.990 3.970 3.947 3.921 3.886 3.864 3.832 3.818	3.963 3.945 3.921 3.901 3.876 3.850 3.814 3.792 3.759 3.744	34.413 34.421 34.423 34.433 34.437 34.440 34.449 34.451 34.451	27.323 27.331 27.340 27.346 27.351 27.356 27.362 27.369 27.374 27.378	31.470 31.524 31.579 31.631 31.683 31.734 31.786 31.839 31.891 31.940	27.316 27.324 27.333 27.338 27.344 27.349 27.355 27.367 27.367	82.8 82.1 81.3 80.8 80.3 79.9 79.4 78.8 78.0	14.183 14.265 14.347 14.428 14.509 14.589 14.668 14.747 14.826 14.904	90.3 90.2 90.3 90.2 90.3 90.3 90.2 90.3	1480.9 1481.0 1481.1 1481.2 1481.3 1481.3 1481.4 1481.5 1481.6	7935.4 8076.2 8217.7 8360.1 8503.2 8791.9 8937.4 9083.7 9230.7	3.1 9.6 1.1 4.6 10.4 5.5 7.2 2.8 8.7

Station	11	Latitude	32 20.4	41'N	Longitu	de 127°	29.96'W	27	Apr 1991	GMT 10	:07	Bottom ·	4675 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn.Ht	LTR	sv	TF m ³ /s ²	N ² 10 ⁶ /s ²
ďЬ	m	•c	·c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	J/kg	0/0	m/s	m³/s²	10°/s²
1000.0 1020.0	992.2 1011.9	3.781 3.745	3.707 3.670	34.456 34.466	27.384 27.395	31.993 32.096	27.376 27.388	77.5	14.982	90.3 90.2	1481.6 1481.8	9378.5 9676.4	6.4 2.9
1040.0	1031.7	3.700	3.624	34.475	27.407	32.200	27.399	76.5 75.4	15.136 15.288	90.2	1481.9	9977.2	7.0
1060.0 1080.0	1051.5	3.684	3.606	34.482	27.414	32.299	27.406	74.9	15.439	90.3	1482.2	10281.0	2.3
1100.0	1071.3 1091.0	3.652 3.612	3.573 3.531	34.486 34.492	27.420 27.430	32.397 32.499	27.413 27.422	74.4 73.6	15.588 15.736	90.3 90.3	1482.4 1482.6	10587.8 10897.5	8.8 2.9
1120.0	1110.8	3.565	3.483	34.496	27.437	32.598	27.429	73.0	15.882	90.2	1482.7	11210.0	4.1
1140.0 1160.0	1130.6 1150.3	3.504 3.467	3.421 3.382	34.502 34.506	27.448 27.455	32.702 32.801	27.440 27.447	71.9 71.3	16.027 16.171	90.3 90.3	1482.8 1483.0	11525.4 11843.6	2.3 8.5
1180.0	1170.1	3.418	3.333	34.511	27.464	32.902	27.455	70.6	16.313	90.3	1483.1	12164.6	4.4
1200.0	1189.9	3.385	3.298	34.513	27.468	32.999	27.460	70.2	16.454	90.3	1483.3	12488.4	3
1220.0 1240.0	1209.6 1229.4	3.341 3.298	3.253 3.208	34.518 34.522	27.477 27.484	33.100 33.200	27.469 27.476	69.4 68.7	16.593 16.731	90.4 90.3	1483.4 1483.6	12814.9 13144.1	4.1 1.2
1260.0	1249.1	3.272	3.181	34.524	27.489	33.296	27.480	68.4	16.868	90.3	1483.8	13476.0	1.8
1280.0 1300.0	1268.9 1288.6	3.233	3.140	34.528	27.495	33,394	27.486	67.8	17.005	90.3	1484.0	13810.5	6.2
1320.0	1308.4	3.174 3.133	3.080 3.038	34.533 34.537	27.505 27.513	33.497 33.597	27.497 27.504	66.9 66.2	17.139 17.273	90.3 90.3	1484.1 1484.2	14147.8 14487.6	7.7 3.0
1340.0	1328.1	3.101	3.005	34.539	27.517	33,693	27.508	65.8	17.405	90.3	1484.4	14830.0	1.8
1360.0 1380.0	1347.9 1367.6	3.057 3.010	2.960 2.912	34.543 34.547	27.524 27.532	33.793 33.893	27.515 27.523	65.2 64.4	17.536 17.666	90.3 90.3	1484.6 1484.7	15175.0 15522.5	6.0 3.6
1400.0	1387.4	2.972	2.873	34.550	27.532	33.991	27.528	63.9	17.794	90.3	1484.9	15872.5	3.3
1420.0	1407.1	2.929	2.828	34.552	27.543	34.089	27.534	63.3	17.921	90.3	1485.0	16225.0	3.3
1440.0 1460.0	1426.8 1446.6	2.907 2.876	2.805	34.554	27.547	34.184	27.538	63.1	18.048	90.3	1485.3	16580.0	1.3
1480.0	1466.3	2.852	2.773 2.748	34.558 34.560	27.553 27.556	34.282 34.377	27.543 27.547	62.6 62.3	18.174 18.298	90.3 90.3	1485.5 1485.7	16937.4 17297.3	2.8 1.9
1500.0	1486.1	2.821	2.715	34.562	27.561	34.474	27.551	61.9	18.423	90.4	1485.9	17659.6	2.8
1520.0 1540.0	1505.8 1525.5	2.780 2.750	2.673 2.641	34.565 34.567	27.567 27.572	34.572 34.669	27.558 27.562	61.3 60.9	18.546 18.668	90.4 90.3	1486.1 1486.3	18024.3 18391.4	2.2 1.4
1560.0	1545.2	2.733	2.623	34.570	27.575	34.764	27.566	60.6	18.789	90.4	1486.6	18760.8	2.8
1580.0	1565.0	2.701	2.590	34.572	27.580	34.860	27.570	60.1	18.910	90.4	1486.7	19132.6	4
1600.0 1620.0	1584.7 1604.4	2.675 2.633	2.562 2.519	34.573 34.577	27.583 27.590	34.955 35.054	27.574 27.580	59.8 59.2	19.030 19.149	90.4 90.4	1487.0 1487.1	19506.7 19883.2	4 2.6
1640.0	1624.1	2.614	2.499	34.579	27.593	35.149	27.583	58.9	19.267	90.4	1487.4	20262.0	3.5
1660.0 1680.0	1643.8 1663.6	2.545	2.429	34.579	27.600	35.249	27.590	58.2	19.384	90.4	1487.4	20643.0	4.4
1700.0	1683.3	2.505 2.489	2.388 2.371	34.583 34.587	27.606 27.611	35.347 35.443	27.596 27.601	57.6 57.2	19.500 19.614	90.4 90.4	1487.6 1487.9	21026.3 21411.8	4.1 2.9
1720.0	1703.0	2.454	2.334	34.591	27.617	35.541	27.607	56.5	19.728	90.4	1488.0	21799.6	2.9
1740.0 1760.0	1722.7 1742.4	2.418 2.381	2.297 2.259	34.593 34.594	27.621 27.626	35.638 35.735	27.611 27.616	56.1 55.6	19.841	90.4 90.4	1488.2 1488.4	22189.5 22581.6	3.2 4.1
1780.0	1762.1	2.352	2.228	34.596	27.630	35.830	27.619	55.3	19.952 20.063	90.4	1488.6	22975.9	5.3
1800.0	1781.8	2.308	2.184	34.599	27.635	35.928	27.625	54.6	20.173	90.4	1488.8	23372.2	4.4
1820.0 1840.0	1801.5 1821.2	2.293 2.266	2.167 2.139	34.601 34.605	27.639 27.644	36.023 36.119	27.628 27.633	54.3 53.9	20.282	90.4 90.4	1489.0 1489.2	23770.8 24171.4	4.2 4.2
1860.0	1840.9	2.242	2.114	34.606	27.647	36.214	27.636	53.6	20.498	90.4	1489.5	24574.1	2.4
1880.0 1900.0	1860.6 1880.3	2.217 2.199	2.087	34.608	27.650	36.309	27.640	53.2	20.604	90.4	1489.7	24978.8	3.0
1920.0	1900.0	2.184	2.068 2.051	34.610 34.611	27.654 27.656	36.403 36.497	27.643 27.645	53.0 52.8	20.711 20.816	90.4 90.4	1490.0 1490.2	25385.7 25794.5	1.3 2.8
1940.0	1919.7	2.164	2.030	34.613	27,659	36.591	27.648	52.5	20.921	90.4	1490.5	26205.4	4.0
1960.0 1980.0	1939.4 1959.1	2.149 2.129	2.013 1.993	34.614 34.616	27.662 27.665	36.684 36.779	27.651 27.654	52.3 52.0	21.026 21.131	90.4 90.4	1490.8 1491.0	26618.4 27033.3	2.2 1.6
2000.0	1978.7	2.118	1.979	34.618	27.667	36.871	27.656	51.8	21.234	90.4	1491.3	27450.3	
2050.0 2096.0	2027.9 2073.2	2.072 2.040	1.930 1.895	34.622 34.625	27.675 27.680	37.107	27.663	51.1	21.492	90.4	1491.9	28501.4	1.1
2090.0	2013.2	2.040	1.033	34.023	2/.000	37.320	27.668	50.7	21.726	90.4	1492.6	29479.4	.0

Station	12	Latitude	32. 22.	70'N	Longit	ude 127°	37.38'W	27	Apr 1991	GMT 12	2:11	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.048 15.051 15.011 14.585 14.469 14.405 14.351 14.335 14.349 14.329	15.048 15.050 15.008 14.580 14.464 14.398 14.342 14.325 14.338 14.316	33.161 33.151 33.163 33.211 33.212 33.210 33.216 33.231 33.272 33.288	24.544 24.537 24.555 24.684 24.709 24.721 24.738 24.753 24.782 24.799	24.544 24.581 24.816 24.886 24.943 25.004 25.063 25.136 25.198	24.544 24.537 24.555 24.683 24.708 24.720 24.736 24.751 24.779 24.797	338.2 339.2 337.7 325.8 323.6 322.7 321.4 320.3 317.8 316.5	.000 .338 .677 1.008 1.333 1.656 1.978 2.299 2.618 2.935	89.3 89.4 89.5 89.7 89.7 89.7 89.6 89.7	1505.3 1505.4 1505.5 1504.4 1504.1 1504.1 1504.2 1504.5 1504.6	.0 1.7 6.7 15.2 26.8 41.7 59.8 81.1 105.6 133.2	.0 95.0 45.2 27.3 15.0 8.5 29.6 56.9 18.8
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.1	14.302 12.324 10.884 10.349 9.837 9.541 9.523 9.424 9.334 9.121	14.288 12.309 10.870 10.334 9.821 9.525 9.505 9.405 9.315 9.101	33.320 33.104 33.083 33.124 33.228 33.360 33.458 33.515 33.576 33.611	24.830 25.058 25.307 25.431 25.598 25.750 25.830 25.891 25.953 26.014	25.272 25.549 25.846 26.017 26.231 26.428 26.553 26.560 26.767 26.874	24.827 25.056 25.304 25.428 25.596 25.747 25.827 25.888 25.950 26.011	313.8 292.0 268.3 256.6 240.7 226.5 219.1 213.5 207.8 202.1	3.250 3.554 3.834 4.098 4.347 4.584 4.806 5.021 5.232 5.436	89.5 89.6 89.9 90.2 90.2 90.2 90.3 90.3	1504.7 1498.0 1493.1 1491.4 1489.8 1489.0 1489.3 1489.1 1489.0 1488.5	164.0 197.9 234.7 274.2 316.2 360.6 407.3 456.2 507.2 560.2	88.5 127.7 120.1 148.9 114.6 267.1 128.6 7.4 82.6 72.9
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.8 248.8 258.7 268.6 278.6 288.5	9.000 8.878 8.850 8.648 8.512 8.289 8.148 8.063 7.957 7.826	8.979 8.856 8.827 8.624 8.487 8.264 8.122 8.036 7.929 7.797	33.674 33.770 33.793 33.870 33.903 33.949 33.968 33.977 33.993 34.001	26.083 26.178 26.201 26.293 26.339 26.410 26.446 26.465 26.494 26.519	26.989 27.129 27.197 27.335 27.427 27.544 27.627 27.6692 27.767 27.838	26.080 26.174 26.197 26.289 26.335 26.406 26.442 26.4461 26.490 26.515	195.7 186.9 184.9 176.3 172.0 165.4 162.1 160.4 157.8 155.5	5.635 5.827 6.012 6.192 6.366 6.534 6.698 6.698 7.019 7.175	90.3 90.4 90.3 90.3 90.3 90.3 90.4 90.4	1488.2 1488.1 1488.7 1487.7 1486.7 1486.7 1486.2 1486.0 1485.7	615.3 672.2 731.1 791.7 854.1 918.2 983.9 1051.3 1120.2 1190.7	86.4 109.5 108.9 21.4 49.5 50.0 32.7 21.3 39.1 14.8
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.4 308.4 318.3 328.2 338.1 348.1 358.0 367.9 377.9 387.8	7.729 7.624 7.558 7.434 7.302 7.097 7.000 6.847 6.724 6.581	7.700 7.594 7.527 7.402 7.269 7.064 6.967 6.813 6.690 6.546	34.006 34.017 34.026 34.034 34.021 34.021 34.020 34.008 34.008 34.013	26.538 26.562 26.578 26.602 26.624 26.639 26.651 26.663 26.680 26.703	27.902 27.972 28.035 28.105 28.173 28.236 28.294 28.353 28.416 28.486	26.533 26.557 26.573 26.597 26.619 26.635 26.647 26.658 26.675 26.698	153.9 151.7 150.3 148.1 146.1 144.7 143.6 143.6 141.0 138.8	7.330 7.483 7.634 7.783 7.930 8.075 8.219 8.363 8.504 8.644	90.4 90.4 90.4 90.4 90.4 90.5 90.5 90.5	1485.5 1485.2 1485.2 1484.9 1484.5 1483.8 1483.6 1483.2 1482.8 1482.5	1262.7 1336.3 1411.3 1487.9 1565.9 1645.3 1726.2 1808.5 1892.2 1977.3	5.7 13.3 37.6 23.8 8.0 21.1 29.6 21.1 22.5
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1 487.0	6.437 6.330 6.248 6.141 6.004 5.899 5.708 5.588 5.479	6.401 6.294 6.211 6.104 5.966 5.860 5.669 5.549 5.363	34.015 34.029 34.027 34.042 34.044 34.041 34.047 34.049 34.052	26.723 26.740 26.753 26.771 26.800 26.815 26.836 26.855 26.870 26.881	28.553 28.617 28.677 28.741 28.817 28.878 28.947 29.013 29.075 29.133	26.718 26.735 26.749 26.766 26.795 26.810 26.831 26.850 26.865 26.876	136.9 135.4 134.1 132.5 129.8 128.4 126.3 124.5 123.1 122.1	8.782 8.918 9.053 9.186 9.317 9.446 9.573 9.698 9.822 9.945	90.5 90.5 90.5 90.6 90.6 90.6 90.6	1482.0 1481.8 1481.6 1481.0 1480.7 1480.1 1479.8 1479.5	2063.8 2151.6 2240.8 2331.3 2423.1 2516.2 2610.5 2706.1 2802.9 2901.0	19.3 2.9 36.2 12.5 42.1 18.9 14.5 12.5 16.8
500.0 510.0 520.0 530.0 550.0 560.0 570.0 580.0 590.0	496.9 506.9 516.8 526.7 536.6 546.5 556.4 566.3 576.3 586.2	5.303 5.211 5.122 5.084 5.052 5.002 4.904 4.888 4.815 4.782	5.263 5.170 5.081 5.041 5.009 4.958 4.860 4.843 4.770 4.736	34.062 34.069 34.077 34.081 34.092 34.113 34.113 34.124 34.134 34.155	26.902 26.918 26.934 26.942 26.954 26.966 26.988 26.999 27.015 27.035	29.200 29.264 29.327 29.381 29.440 29.498 29.566 29.623 29.686 29.752	26.897 26.913 26.929 26.937 26.949 26.961 26.983 26.994 27.010 27.030	120.2 118.7 117.1 116.5 115.4 114.3 112.2 111.3 109.8 108.0	10.066 10.186 10.304 10.421 10.536 10.651 10.765 10.876 10.987 11.096	90.6 90.6 90.6 90.6 90.6 90.6 90.6	1479.2 1479.0 1478.8 1478.8 1478.8 1478.6 1478.6 1478.6	3000.2 3100.7 3202.3 3305.0 3514.0 3620.2 3727.4 3835.8 3945.3	22.3 11.8 9.4 8.2 7.7 14.1 17.3 20.0 13.5
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0	596.1 606.0 615.9 625.8 635.7 645.6 655.5 665.5 675.4 685.3	4.750 4.716 4.666 4.645 4.632 4.599 4.569 4.528 4.475	4.703 4.669 4.618 4.596 4.582 4.518 4.495 4.475 4.422	34.162 34.172 34.186 34.197 34.210 34.221 34.227 34.227 34.243 34.252 34.256	27.044 27.056 27.073 27.084 27.096 27.108 27.117 27.131 27.141 27.150	29.808 29.867 29.929 29.987 30.044 30.103 30.157 30.218 30.274 30.330	27.039 27.051 27.067 27.079 27.090 27.103 27.111 27.126 27.135 27.145	107.2 106.1 104.6 103.6 101.5 100.8 99.4 98.6 97.8	11.203 11.310 11.415 11.519 11.622 11.724 11.826 11.926 12.025 12.123	90.5 90.5 90.5 90.5 90.4 90.4 90.4	1478.7 1478.7 1478.8 1478.9 1478.9 1479.0 1479.1 1479.1	4055.8 4167.4 4280.0 4393.6 4508.3 4624.0 4740.7 4858.3 4977.0 5096.6	1.8 2.4 22.9 5.3 6.8 8.5 9.1 16.5 16.2
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.449 4.456 4.465 4.388 4.405 4.356 4.341 4.290 4.241	4.396 4.401 4.410 4.332 4.349 4.299 4.283 4.256 4.231 4.181	34.272 34.285 34.293 34.296 34.309 34.322 34.333 34.343 34.343	27.166 27.175 27.181 27.191 27.200 27.216 27.226 27.237 27.250 27.263	30.391 30.447 30.498 30.555 30.609 30.671 30.727 30.785 30.844 30.903	27.160 27.170 27.175 27.185 27.194 27.210 27.219 27.231 27.244 27.257	96.4 95.6 95.2 94.2 93.5 92.0 91.2 90.2 89.0 87.8	12.220 12.316 12.411 12.506 12.600 12.693 12.784 12.875 12.964 13.053	90.4 90.3 90.3 90.3 90.3 90.3 90.3 90.3	1479.2 1479.4 1479.5 1479.7 1479.7 1479.8 1479.9 1479.9	5217.2 5338.7 5461.2 5584.6 5708.9 5834.2 5960.3 6087.4 6215.3 6344.1	15.3 8.0 13.0 5.1 17.7 11.2 20.0 10.7 14.8
800.0 810.0 820.0 830.0 840.0 850.0 870.0 880.0 890.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.158 4.153 4.139 4.114 4.057 4.044 4.016 4.003 3.974 3.955	4.098 4.092 4.077 4.051 3.991 3.981 3.952 3.939 3.908 3.889	34.367 34.377 34.385 34.390 34.389 34.402 34.413 34.423 34.423	27.273 27.281 27.289 27.296 27.300 27.309 27.315 27.325 27.337 27.342	30.960 31.015 31.069 31.122 31.173 31.228 31.280 31.336 31.394 31.445	27.266 27.275 27.283 27.289 27.294 27.303 27.309 27.319 27.330 27.336	86.8 86.1 85.4 84.9 84.4 83.6 82.3 81.2 80.7	13.140 13.227 13.313 13.398 13.483 13.567 13.650 13.733 13.814 13.895	90.3 90.3 90.3 90.3 90.3 90.3 90.3 90.3	1479.8 1479.9 1480.0 1480.1 1480.1 1480.2 1480.3 1480.4 1480.5	6473.8 6604.3 6735.7 6867.9 7000.9 7134.8 7269.5 7405.0 7541.3 7678.4	7.7 12.7 6.0 1.9 1.6 9.8 7.2 9.2 8.6 5.4
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.3 982.2	3.903 3.879 3.865 3.840 3.805 3.779 3.768 3.748 3.736 3.702	3.836 3.812 3.797 3.771 3.735 3.709 3.697 3.697 3.664 3.630	34.435 34.436 34.438 34.443 34.448 34.448 34.453 34.457	27.350 27.356 27.358 27.363 27.370 27.375 27.378 27.384 27.388 27.393	31.500 31.552 31.601 31.651 31.705 31.756 31.805 31.857 31.907 31.959	27.343 27.349 27.352 27.356 27.363 27.368 27.371 27.377 27.381 27.386	80.0 79.5 79.3 78.9 78.3 77.6 77.1 76.8 76.3	13.976 14.056 14.135 14.214 14.293 14.371 14.448 14.526 14.603 14.679	90.3 90.3 90.3 90.3 90.3 90.3 90.3	1480.4 1480.5 1480.6 1480.7 1480.7 1480.7 1480.9 1480.9 1481.1	7816.3 7955.0 8094.5 8234.7 8375.7 8517.5 8660.1 8803.4 8947.4 9092.3	9.5 1.0 5.4 1.0 1.9 3.4 3.4

Station	12	Latitude	32 22.7	70'N	Longitu	de 127°	37.38'W	27	Apr 1991	GMT 12	:11	Bottom	3300 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn.Ht	LTR	sv	TF m ³ /s ²	N ²
db 1000.0	m 992.1	•c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	•	0/0	m/s		
1020.0	1011.9	3.681 3.652	3.608 3.578	34.459 34.472	27.395 27.409	32.007 32.113	27.388 27.402	76.1 74.9	14.755 14.907	90.2 90.3	1481.2 1481.4	9237.8 9531.2	2.8 5.5
1040.0 1060.0	1031.7	3.599	3.523	34.480	27.421	32.217	27.413	73.9	15.056	90.3	1481.5	9827.5	4.9
1080.0	1051.5 1071.2	3.548 3.494	3.471 3.416	34.487 34.494	27.431 27.442	32.320 32.423	27.424 27.434	72.9 72.0	15.203 15.347	90.2 90.3	1481.6 1481.7	10126.7 10428.7	10.2 3.2
1100.0	1091.0	3.464	3.384	34.497	27.448	32.521	27.440	71.5	15.491	90.3	1482.0	10733.6	1.1
1120.0 1140.0	1110.8 1130.5	3.430 3.388	3.349 3.306	34.502 34.506	27.455	32.620	27.447	70.9	15.633	90.3	1482.1	11041.2	3.2
1160.0	1150.3	3.349	3.266	34.509	27.462 27.469	32.720 32.819	27.455 27.461	70.3 69.7	15.775 15.915	90.3 90.3	1482.3 1482.5	11351.6 11664.8	1.7 4.1
1180.0	1170.1	3.323	3.238	34.512	27.474	32.915	27.466	69.3	16.054	90.3	1482.7	11980.7	-1.8
1200.0	1189.8	3.281	3.195	34.517	27.482	33.015	27.473	68.6	16.192	90.2	1482.9	12299.4	1.8
1220.0 1240.0	1209.6 1229.3	3.263 3.224	3.175 3.135	34.519 34.521	27.485 27.490	33.110 33.208	27.476 27.482	68.4 68.0	16.329 16.466	90.3 90.3	1483.1 1483.3	12620.7 12944.6	4.1
1260.0	1249.1	3.167	3.077	34.521	27.496	33.306	27.487	67.4	16.601	90.2	1483.4	13271.3	4.7
1280.0 1300.0	1268.8 1288.6	3.150 3.100	3.059 3.008	34.524	27.500	33.402	27.491	67.2	16.736	90.3	1483.6	13600.5	5
1320.0	1308.4	3.068	2.974	34.529 34.531	27.508 27.513	33.503 33.600	27.500 27.505	66.3 65.9	16.869 17.001	90.3 90.3	1483.8 1484.0	13932.4 14266.9	1.8 4.2
1340.0	1328.1	3.050	2.955	34.535	27.518	33.696	27.509	65.6	17,132	90.3	1484.2	14603.9	3.0
1360.0 1380.0	1347.8 1367.6	3.012 2.962	2.916 2.865	34.540 34.543	27.526 27.533	33.796 33.896	27.517 27.524	64.8	17.263	90.3	1484.4	14943.5	5.9
1400.0	1387.3	2.910	2.812	34.548	27.533			64.2	17.391	90.3	1484.5	15285.6	3.3
1420.0	1407.1	2.884	2.784	34.551	27.546	33.997 34.093	27.532 27.537	63.3 62.9	17.519 17.645	90.3 90.3	1484.6 1484.8	15630.2 15977.2	2 6.6
1440.0	1426.8	2.866	2.765	34.553	27.549	34.188	27.540	62.7	17.771	90.4	1485.1	16326.8	5
1460.0 1480.0	1446.6 1466.3	2.855 2.828	2.752 2.724	34.553 34.558	27.551 27.557	34.281 34.379	27.541 27.548	62.7	17.896 18.021	90.3 90.3	1485.4 1485.6	16678.7	4.0
1500.0	1486.0	2.804	2.698	34.561	27.562	34.476	27.553	62.1 61.7	18.145	90.3	1485.8	17033.1 17389.9	3.1 2.8
1520.0 1540.0	1505.7 1525.5	2.759	2.652	34.561	27.566	34.572	27.556	61.3	18.268	90.3	1486.0	17749.2	1.3
1560.0	1545.2	2.743 2.686	2.634 2.577	34.563 34.568	27.569 27.578	34.667 34.768	27.560 27.568	61.0 60.2	18.390 18.511	90.3 90.4	1486.3 1486.3	18110.8 18474.7	-1.3 4.9
1580.0	1564.9	2.647	2.537	34.572	27.584	34.867	27.575	59.5	18.631	90.4	1486.5	18841.0	2.6
1600.0 1620.0	1584.7	2.619	2.507	34.574	27.589	34.963	27.579	59.1	18.749	90.4	1486.7	19209.6	.8
1640.0	1604.4 1624.1	2.597 2.553	2.483 2.438	34.576 34.580	27.593 27.600	35.058 35.158	27.583 27.590	58.8 58.1	18.967 18.984	90.4 90.4	1487.0 1487.1	19580.5 19953.7	2.3 -1.8
1660.0	1643.8	2.540	2.424	34.582	27.602	35.251	27.592	58.0	19.100	90.3	1487.4	20329.2	2.3
1680.0 1700.0	1663.5 1683.2	2.501 2.463	2.384 2.345	34.584 34.587	27.607	35.348	27.597	57.4	19.216	90.4	1487.6	20706.9	3.2
1720.0	1702.9	2.443	2.324	34.589	27.612 27.616	35.446 35.541	27.603 27.606	56.9 56.5	19.330 19.443	90.4 90.4	1487.7 1488.0	21086.8 21468.9	3
1740.0	1722.7	2.419	2.298	34.591	27.620	35,636	27.610	56.2	19.556	90.4	1488.2	21853.2	3.8
1760.0 1780.0	1742.4 1762.1	2.405 2.358	2.282 2.235	34.593 34.598	27.623 27.630	35.730 35.831	27.612 27.620	56.0 55.2	19.668	90.3	1488.5	22239.7	3.0
1800.0	1781.8	2.339	2.214	34.598	27.632	35.924	27.622	55.1	19.780 19.890	90.4 90.4	1488.6	22628.4	2.4
1820.0	1801.5	2.322	2.196	34.599	27.635	36.017	27.624	54.9	20.000	90.4	1488.9 1489.2	23019.2 23412.2	.6 9.4
1840.0 1860.0	1821.2 1840.9	2.290	2.163	34.601	27.639	36.114	27.629	54.4	20.109	90.4	1489.4	23807.2	. 4
1880.0	1840.9	2.277 2.258	2.148 2.128	34.603 34.604	27.641 27.645	36.207 36.301	27.631 27.634	54.2 54.0	20.218	90.4 90.4	1489.6 1489.9	24204.4 24603.7	2.2
1900.0	1880.3	2.242	2.111	34.606	27.647	36.395	27.637	53.7	20.434	90.4	1490.2	25005.0	1.3
1920.0 1940.0	1899.9 1919.6	2.218 2.191	2.085 2.056	34.608 34.611	27.651 27.655	36.490 36.586	27.640 27.645	53.4 53.0	20.541	90.4	1490.4	25408.5	1.6
1960.0	1939.3	2.166	2.030	34.613	27.660	36.681	27.649	52.5	20.647 20.752	90.4 90.4	1490.6 1490.8	25813.9 26221.5	3.7 2.8
1980.0	1959.0	2.145	2.008	34.615	27.662	36.775	27.651	52.3	20.857	90.4	1491.1	26631.1	.5
2000.0 2050.0	1978.7 2027.9	2.110 2.074	1.971 1.932	34.619 34.622	27.669 27.674	36.873 37.106	27.658	51.6	20.961	90.4	1491.3	27042.6	.5 1.7
2096.0	2073.1	2.039	1.894	34.625	27.680	37.106	27.663 27.668	51.2 50.7	21.218 21.452	90.5 90.5	1492.0 1492.6	28080.3 29045.9	1.7

Station	13	Latitude	32° 24.	13'N	Longit	ide 127°	41.33'W	27	Apr 1991	GMT 14	1:06		
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.At J/kg	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.017 15.024 15.026 14.839 14.596 14.482 14.354 14.313 14.285 14.385	15.017 15.022 15.023 14.834 14.590 14.475 14.345 14.303 14.273 14.373	33.126 33.127 33.127 33.186 33.209 33.207 33.223 33.231 33.243 33.262	24.524 24.524 24.524 24.681 24.703 24.743 24.758 24.773 24.783	24.524 24.569 24.613 24.743 24.858 24.924 25.008 25.067 25.127 25.181	24.524 24.524 24.524 24.610 24.679 24.701 24.741 24.756 24.771 24.780	340.1 340.4 340.7 332.7 326.3 324.5 321.0 319.9 318.7 318.1	.000 .340 .681 1.020 1.349 1.674 1.997 2.318 2.636 2.955	89.4 89.3 89.3 89.6 89.7 89.8 89.8 89.8	1505.1 1505.3 1505.1 1504.5 1504.3 1504.1 1504.1 1504.2 1504.8	.0 1.7 6.8 15.3 27.1 42.1 60.4 81.9 106.6 134.4	.0 -1.3 279.7 31.4 39.3 16.4 15.6 6.8 8.0
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.2	14.281 14.326 13.840 11.636 10.732 10.225 9.747 9.543 9.398 9.296	14.266 14.310 13.823 11.620 10.715 10.208 9.729 9.524 9.378 9.276	33.271 33.313 33.263 33.060 33.082 33.139 33.256 33.358 33.514 33.614	24.797 24.819 24.882 25.154 25.333 25.465 25.636 25.636 25.894 25.989	25.239 25.306 25.414 25.736 25.962 26.141 26.358 26.708 26.708 26.848	24.794 24.816 24.878 25.151 25.330 25.462 25.633 25.746 25.891 25.986	317.0 315.2 309.4 283.3 266.2 253.7 237.6 227.0 213.4 204.6	3.273 3.589 3.902 4.199 4.473 4.735 4.979 5.212 5.432 5.641	89.4 89.5 89.6 89.8 89.9 90.2 90.3 90.3	1504.6 1504.9 1503.5 1495.9 1492.9 1491.3 1489.8 1489.4 1489.2 1489.1	165.4 199.6 236.9 277.2 320.4 366.2 414.5 465.2 518.1 573.2	22.0 16.2 117.7 142.5 66.2 308.2 97.9 95.8 44.9 92.6
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 258.7 268.7 278.6 288.5	9.225 9.174 9.000 8.727 8.636 8.484 8.317 8.177 8.060 7.842	9.204 9.151 8.976 8.703 8.611 8.458 8.290 8.150 8.032 7.813	33.690 33.751 33.840 33.848 33.883 33.920 33.956 33.973 33.991 33.998	26.060 26.116 26.214 26.263 26.304 26.357 26.411 26.445 26.477 26.515	26.965 27.066 27.210 27.305 27.392 27.491 27.591 27.671 27.749 27.833	26.057 26.112 26.210 26.259 26.301 26.353 26.407 26.441 26.473 26.510	198.0 192.9 183.7 179.2 175.4 170.5 165.5 162.4 159.5 155.9	5.842 6.037 6.224 6.405 6.583 6.756 6.924 7.087 7.248 7.406	90.3 90.3 90.3 90.4 90.4 90.4 90.4	1489.1 1489.2 1488.8 1487.8 1487.4 1487.0 1486.7 1486.4 1485.7	630.3 689.3 750.3 813.0 877.6 943.8 1011.8 1081.4 1152.6 1225.4	48.7 112.5 62.7 24.9 26.9 78.2 59.1 31.8 10.7
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.703 7.502 7.374 7.208 7.136 7.099 6.932 6.704 6.612 6.437	7.673 7.472 7.343 7.177 7.104 7.066 6.899 6.670 6.578 6.402	33.998 34.005 34.009 34.008 34.022 34.025 34.025 34.025 34.025	26.535 26.569 26.590 26.613 26.624 26.639 26.664 26.695 26.708 26.735	27.900 27.981 28.049 28.118 28.175 28.236 28.308 28.308 28.445 28.519	26.531 26.565 26.586 26.608 26.635 26.635 26.660 26.703 26.730	154.1 150.9 149.0 146.9 145.9 144.6 142.3 139.3 138.3	7.562 7.714 7.864 8.012 8.158 8.303 8.447 8.587 8.726 8.863	90.4 90.4 90.4 90.5 90.5 90.5	1485.4 1484.7 1484.4 1483.9 1483.8 1483.9 1483.4 1482.4 1482.4	1299.7 1375.6 1452.9 1531.7 1612.0 1693.7 1776.9 1861.4 1947.3 2034.6	15.1 3.6 22.9 6.5 12.9 16.2 30.2 26.6 3.2 10.2
400.0 410.0 420.0 430.0 440.0 450.0 460.0 480.0 490.0	397.7 407.7 417.6 427.5 437.4 447.3 467.2 477.1 487.0	6.303 6.151 6.083 5.958 5.970 5.732 5.678 5.504 5.359	6.268 6.115 6.047 5.921 5.832 5.640 5.465 5.364 5.319	34.030 34.028 34.033 34.038 34.045 34.053 34.058 34.066 34.083	26.752 26.767 26.779 26.799 26.813 26.836 26.849 26.849 26.892 26.912	28.584 28.645 28.704 28.770 28.832 28.960 29.034 29.039 29.164	26.748 26.762 26.774 26.794 26.809 26.831 26.844 26.870 26.888 26.907	134.0 132.7 131.6 129.7 128.4 126.2 125.1 122.6 119.2	8.998 9.132 9.264 9.394 9.523 9.650 9.776 9.900 10.022 10.142	90.5 90.6 90.6 90.6 90.6 90.6 90.6	1481.5 1481.1 1481.0 1480.6 1480.5 1480.1 1480.0 1479.5 1479.3	2123.3 2213.2 2304.5 2397.1 2490.9 2586.1 2682.4 2780.0 2878.8 2978.8	16.6 14.5 2.2 19.5 24.7 10.1 21.5 24.1 14.1 7.1
500.0 510.0 520.0 530.0 540.0 550.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.6 546.5 556.4 576.3 586.2	5.310 5.202 5.126 5.111 5.069 4.985 4.891 4.826 4.765 4.718	5.269 5.161 5.084 5.069 5.026 4.941 4.847 4.782 4.720 4.672	34.088 34.092 34.104 34.105 34.116 34.126 34.138 34.138	26.921 26.937 26.955 26.957 26.962 27.000 27.011 27.023 27.043	29.220 29.282 29.348 29.395 29.447 29.513 29.573 29.637 29.637 29.761	26.917 26.932 26.950 26.952 26.958 26.977 26.995 27.007 27.007 27.018 27.038	118.4 116.9 115.2 115.1 114.6 112.9 111.1 110.0 108.9 107.2	10.261 10.379 10.495 10.610 10.725 10.838 10.950 11.061 11.170 11.278	90.6 90.6 90.6 90.6 90.6 90.6 90.6	1479.2 1479.0 1478.8 1478.9 1478.8 1478.5 1478.4 1478.4	3080.0 3182.4 3285.9 3390.5 3496.3 3603.2 3711.2 3820.3 3930.5 4041.8	25.0 7.4 .3 1.2 21.1 12.6 15.3 15.3 19.4 31.1
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.7 645.7 655.6 665.5 675.4 685.3	4.671 4.660 4.652 4.634 4.607 4.608 4.547 4.542 4.542 4.476	4.625 4.613 4.603 4.585 4.558 4.557 4.496 4.490 4.450 4.423	34.169 34.172 34.176 34.200 34.214 34.225 34.241 34.245 34.254 34.261	27.058 27.062 27.067 27.088 27.102 27.111 27.130 27.133 27.145 27.154	29.823 29.873 29.924 29.991 30.051 30.105 30.171 30.220 30.279 30.333	27.053 27.057 27.062 27.083 27.097 27.105 27.125 27.128 27.140 27.148	105.7 105.5 105.1 103.2 102.0 101.3 99.4 99.2 98.2 97.4	11.385 11.490 11.596 11.700 11.802 11.904 12.004 12.104 12.202 12.300	90.6 90.5 90.5 90.5 90.5 90.4 90.4 90.4	1478.3 1478.5 1478.6 1478.6 1478.8 1479.0 1478.9 1479.1 1479.1	4154.1 4267.5 4381.9 4497.3 4613.8 4731.3 4849.7 4969.1 5089.6 5210.9	11.4 2.7 6.8 14.1 19.4 4.7 6.2 5.3 4.5 2.4
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.444 4.439 4.421 4.406 4.395 4.334 4.294 4.261 4.213 4.172	4.390 4.385 4.366 4.350 4.339 4.277 4.237 4.203 4.154 4.113	34.268 34.284 34.288 34.293 34.300 34.321 34.331 34.339 34.351 34.361	27.163 27.176 27.181 27.187 27.194 27.217 27.229 27.240 27.254 27.266	30.389 30.447 30.499 30.551 30.603 30.674 30.732 30.788 30.849 30.908	27.157 27.170 27.175 27.181 27.188 27.211 27.223 27.233 27.248 27.260	96.6 95.5 95.1 94.6 94.1 91.8 90.7 89.8 88.5 87.4	12.397 12.493 12.589 12.684 12.778 12.871 12.963 13.053 13.142 13.230	90.4 90.4 90.3 90.3 90.3 90.3 90.3	1479.2 1479.3 1479.4 1479.5 1479.6 1479.6 1479.6 1479.6 1479.6	5333.3 5456.6 5580.8 5706.0 5832.0 5959.1 6087.0 6215.8 6345.5 6476.1	7.1 4.2 7.4 7.4 2.4 42.9 7.1 18.6 19.1 3.3
800.0 810.0 820.0 830.0 840.0 850.0 870.0 880.0 890.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.155 4.129 4.113 4.068 4.040 4.007 3.971 3.952 3.930 3.893	4.095 4.069 4.051 4.006 3.977 3.944 3.907 3.887 3.865 3.827	34.368 34.372 34.375 34.386 34.392 34.400 34.407 34.409 34.412 34.416	27.274 27.280 27.284 27.297 27.305 27.315 27.324 27.328 27.333 27.339	30.962 31.014 31.064 31.124 31.178 31.234 31.239 31.340 31.391 31.444	27.267 27.273 27.277 27.291 27.299 27.308 27.317 27.321 27.326 27.333	86.7 86.2 85.9 84.6 83.9 82.2 81.9 81.5	13.317 13.404 13.490 13.575 13.659 13.743 13.825 13.907 13.989 14.070	90.3 90.3 90.3 90.3 90.4 90.3 90.3 90.3	1479.7 1479.8 1479.9 1479.9 1480.0 1480.0 1480.0 1480.1 1480.2 1480.2	6607.5 6739.8 6872.9 7006.8 7141.6 7277.3 7413.7 7550.9 7689.0 7827.8	6.5 1.0 7.4 2.7 4.8 15.6 11.5 -6.0 8.6
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	3.876 3.851 3.836 3.824 3.782 3.764 3.750 3.736 3.713	3.810 3.784 3.768 3.756 3.713 3.694 3.679 3.665 3.642 3.638	34.418 34.422 34.430 34.437 34.441 34.444 34.447 34.454 34.454	27.343 27.349 27.357 27.358 27.368 27.373 27.377 27.381 27.389 27.388	31.493 31.545 31.599 31.647 31.703 31.754 31.804 31.854 31.908 31.953	27.336 27.342 27.350 27.351 27.361 27.366 27.370 27.374 27.382 27.381	80.6 80.1 79.4 79.3 78.4 78.7 77.4 76.7	14.151 14.231 14.311 14.390 14.469 14.547 14.625 14.702 14.780 14.856	90.4 90.3 90.3 90.3 90.3 90.3 90.3	1480.3 1480.4 1480.5 1480.6 1480.7 1480.8 1480.9 1481.0 1481.1	7967.4 8107.9 8249.1 8391.1 8333.8 8677.3 8821.6 8966.7 9112.5 9259.1	3.6 2.8 2.2 14.5 9.5 3.1 8.1 11.6

Station	13	Latitude	32° 24.	13'N	Longitu	de 127°	41.33'W	27	Apr 1991	GMT 1	4:06	Bottom	1650 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma -0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
1000.0 1020.0 1040.0 1060.0 1100.0 1120.0 1140.0 1160.0	992.1 1011.9 1031.7 1051.5 1071.3 1091.0 1110.8 1130.6 1150.3	3.678 3.621 3.575 3.552 3.507 3.461 3.408 3.354 3.280	3.605 3.547 3.499 3.475 3.428 3.382 3.327 3.272 3.197	34.458 34.464 34.470 34.473 34.488 34.488 34.499 34.508	27.495 27.415 27.419 27.430 27.441 27.450 27.460 27.474	32.007 32.110 32.212 32.308 32.411 32.514 32.616 32.719 32.826	27.388 27.398 27.408 27.412 27.422 27.433 27.442 27.452 27.467	76.1 75.2 74.4 74.1 73.1 72.2 71.3 70.4 69.0	14.933 15.084 15.234 15.382 15.529 15.674 15.817 15.959 16.098	90.3 90.3 90.3 90.3 90.3 90.3 90.3	1481.2 1481.3 1481.4 1481.6 1481.8 1481.9 1482.0 1482.1 1482.2	9406.4 9703.2 10003.1 10305.8 10611.4 10919.9 11231.1 11545.2 11862.0	4.0 6.3 13.4 6.4 5.5 1.1 1.7
1180.0 1200.0 1220.0 1240.0 1260.0 1380.0 1320.0 1320.0 1340.0 1360.0 1380.0	1170.1 1189.8 1209.6 1229.4 1249.1 1268.9 1288.6 1308.4 1328.1 1347.9 1367.6	3.247 3.242 3.236 3.236 3.212 3.180 3.165 3.113 3.041 2.996 2.968	3.162 3.156 3.149 3.147 3.122 3.089 3.072 3.019 2.946 2.900 2.871	34.511 34.512 34.513 34.516 34.520 34.522 34.522 34.523 34.534 34.538 34.541	27.480 27.481 27.483 27.483 27.487 27.493 27.497 27.506 27.518 27.525 27.530	32.924 33.017 33.109 33.201 33.297 33.395 33.490 33.591 33.697 33.796 33.893	27.472 27.473 27.474 27.475 27.479 27.485 27.488 27.497 27.509 27.517 27.521	68.5 688.7 688.3 667.6 667.8 667.8 664.4	16.235 16.372 16.509 16.646 16.783 16.919 17.055 17.189 17.321 17.321 17.581	90.3 90.3 90.3 90.3 90.3 90.3 90.3 90.3	1482.4 1482.7 1483.0 1483.3 1483.8 1484.0 1484.1 1484.2 1484.3 1484.5	12181.5 12503.7 12828.6 13156.1 13486.3 13819.2 14154.7 14492.9 14833.6 15176.9 15522.8	2.6 3.3 5.9 2.0 1.5 9.27 8.9
1400.0 1420.0 1440.0 1460.0 1500.0 1520.0 1540.0 1560.0 1580.0	1387.3 1407.1 1426.8 1446.6 1466.3 1486.0 1505.8 1525.5 1545.2 1564.9	2.921 2.902 2.880 2.854 2.824 2.778 2.776 2.685 2.669	2.822 2.802 2.779 2.751 2.720 2.718 2.671 2.608 2.576 2.559	34.545 34.547 34.552 34.555 34.555 34.558 34.564 34.568	27.538 27.542 27.545 27.550 27.555 27.555 27.562 27.572 27.578 27.580	33.994 34.089 34.183 34.280 34.377 34.468 34.567 34.567 34.768 34.862	27.529 27.533 27.536 27.541 27.546 27.552 27.563 27.568 27.571	63.6 63.4 63.2 62.7 62.3 62.4 61.7 60.2 60.0	17.709 17.836 17.962 18.088 18.213 18.338 18.462 18.584 18.705 18.825	90.3 90.3 90.3 90.3 90.3 90.4 90.4	1484.7 1484.9 1485.2 1485.6 1485.6 1485.9 1486.1 1486.3 1486.6	15871.1 16221.9 16575.2 16931.0 17289.1 17649.8 18012.8 18378.2 18746.0 19116.2	2.4 -1.4 3.1 2.8 -1.3 6.3 8.1
1600.0 1620.0 1628.0	1584.7 1604.4 1612.3	2.611 2.526 2.510	2.499 2.414 2.397	34.574 34.582 34.583	27.589 27.603 27.605	34.964 35.071 35.111	27.580 27.593 27.595	59.0 57.6 57.4	18.944 19.060 19.106	90.4 90.4 90.4	1486.7 1486.7 1486.7	19488.6 19863.3 20013.9	11.1 .8 .0

Station	14	Latitude	32° 26.	57'N	Longitu	de 127°	48.01'W	27	Apr 1991	GMT 16	:17	Bottom	535 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	10.0 19.9 29.9 39.8 49.8 59.8 59.7 79.7	15.146 15.147 14.842 14.665 14.467 14.413 14.367 14.341 14.293	15.146 15.144 15.144 14.838 14.659 14.460 14.405 14.357 14.330 14.280	33.175 33.179 33.181 33.197 33.211 33.213 33.212 33.212 33.219	24.534 24.538 24.538 24.605 24.656 24.709 24.722 24.732 24.733 24.757	24.534 24.581 24.626 24.738 24.833 24.931 24.988 25.042 25.097 25.155	24.534 24.537 24.537 24.605 24.655 24.708 24.720 24.730 24.740 24.754	339.1 339.4 333.2 328.7 323.9 323.0 322.3 321.6 320.5	.000 .339 .678 1.014 1.345 1.672 1.995 2.318 2.640 2.961	89.3 89.4 89.4 89.6 89.7 89.7 89.8	1505.6 1505.8 1506.0 1505.1 1504.8 1504.3 1504.3 1504.4 1504.4	1.7 6.8 15.2 26.9 42.0 60.2 81.7 106.4 134.3	.0 1.6 33.2 25.0 64.8 24.4 12.1 11.5 13.5
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.1	14.238 13.168 12.689 11.453 10.727 10.020 9.621 9.459 9.320 9.224	14.224 13.153 12.673 11.438 10.711 10.003 9.604 9.440 9.300 9.204	33.242 33.144 33.111 33.041 33.073 33.164 33.322 33.413 33.587 33.688	24.783 24.926 24.994 25.172 25.326 25.519 25.708 25.806 25.964 26.059	25.225 25.415 25.529 25.755 25.956 26.195 26.431 26.574 26.778 26.918	24.779 24.923 24.991 25.170 25.323 25.516 25.705 25.803 25.961 26.055	318.3 304.8 298.4 281.4 266.8 248.6 230.7 221.6 206.7 197.9	3.281 3.594 3.896 4.182 4.455 4.712 4.950 5.176 5.176 5.390 5.592	89.1 89.4 89.6 89.7 89.9 90.2 90.2 90.2	1504.4 1500.9 1499.4 1495.2 1492.8 1490.5 1489.4 1489.1 1489.0 1488.9	165.4 199.6 236.9 277.1 320.1 365.7 413.8 464.1 516.7 571.3	41.6 147.7 369.0 177.9 163.1 136.9 125.4 192.5 80.6 27.3
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.6 278.6 288.5	9.175 9.048 8.975 8.794 8.530 8.355 8.232 7.999 7.841 7.656	9.154 9.025 8.951 8.769 8.505 8.330 8.206 7.972 7.814 7.627	33.758 33.843 33.880 33.895 33.921 33.964 33.978 33.987 33.987	26.121 26.208 26.249 26.289 26.351 26.411 26.441 26.442 26.506 26.540	27.026 27.159 27.245 27.331 27.439 27.545 27.621 27.709 27.780 27.860	26.118 26.205 26.245 26.285 26.347 26.407 26.437 26.478 26.502 26.536	192.2 184.1 180.4 176.7 170.9 165.3 162.6 158.7 156.6 153.4	5.787 5.975 6.157 6.335 6.507 6.675 6.839 6.839 7.156 7.311	90.2 90.2 90.2 90.4 90.3 90.3 90.3	1489.0 1488.8 1488.7 1488.2 1487.4 1487.0 1486.7 1486.0 1485.6 1485.0	627.8 686.3 746.6 808.7 872.5 937.9 1005.1 1073.8 1144.1 1215.9	97.3 54.2 31.1 99.9 38.3 15.8 80.5 2.2 35.3 13.3
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	7.615 7.441 7.391 7.286 7.148 7.131 7.041 6.807 6.580 6.532	7.585 7.411 7.360 7.254 7.116 7.098 7.008 6.773 6.546 6.497	33.996 34.003 34.001 34.007 34.012 34.013 34.014 34.026 34.032 34.031	26.546 26.576 26.582 26.602 26.625 26.628 26.642 26.682 26.718 26.723	27.912 27.989 28.040 28.106 28.176 28.224 28.224 28.372 28.455 28.507	26.542 26.572 26.578 26.598 26.621 26.637 26.637 26.713 26.719	153.0 150.2 149.7 148.0 145.9 145.7 144.5 140.6 137.2 136.8	7.464 7.616 7.766 7.915 8.062 8.208 8.353 8.495 8.634 8.771	90.4 90.3 90.3 90.3 90.5 90.4 90.4	1485.0 1484.5 1484.5 1484.2 1483.9 1484.0 1483.8 1483.0 1482.3 1482.3	1289.3 1364.2 1440.6 1518.4 1597.8 1678.5 1760.7 1844.4 1929.4 2015.7	4.5 34.4 4.2 18.5 6.5 5.3 41.6 25.8 13.7
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0 490.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1 487.0	6.461 6.258 6.051 5.960 5.935 5.912 5.875 5.870 5.680	6.425 6.222 6.015 5.923 5.898 5.851 5.851 5.834 5.828 5.638	34.032 34.039 34.046 34.054 34.055 34.056 34.058 34.059	26.734 26.765 26.797 26.810 26.818 26.822 26.826 26.829 26.830 26.867	28.563 28.642 28.722 28.782 28.835 28.835 28.935 28.935 28.984 29.031 29.116	26.729 26.760 26.793 26.806 26.813 26.817 26.821 26.824 26.825 26.862	135.9 132.9 129.8 128.6 128.0 127.8 127.5 127.3 127.3	8.907 9.042 9.173 9.302 9.430 9.558 9.686 9.813 9.941 10.066	90.4 90.4 90.5 90.5 90.5 90.5 90.5	1482.2 1481.5 1480.9 1480.7 1480.8 1480.9 1481.0 1481.1	2103.5 2192.5 2282.9 2374.6 2467.5 2561.7 2657.2 2753.9 2851.9 2951.1	38.9 39.2 37.4 11.0 9.2 .8 -1.3 -3.0 34.5 20.1
500.0 510.0 516.0	496.9 506.9 512.8	5.432 5.382 5.282	5.391 5.340 5.240	34.101 34.102 34.106	26.917 26.924 26.939	29.215 29.267 29.311	26.913 26.919 26.934	118.9 118.3 116.9	10.188 10.306 10.376	90.5 90.5 90.5	1479.7 1479.7 1479.4	3051.5 3153.2 3214.7	28.2 40.8 .0

Station		Latitude	32 28			ude 127°		27	Apr 199	L GMT 2	3:03	Bottom	
Pres.	Depth	Temp.	Pot.T.	Sal 0/00	Sigma-6 kg/m ³	Sigma-z kg/m ³	kg/m ³	Delta 10 ⁸ m ³ /k	Dyn.Ht g J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.245 15.253 15.198 14.890 14.722 14.532 14.429 14.390 14.367 14.325	15.245 15.252 15.195 14.886 14.716 14.525 14.421 14.380 14.355 14.313	33.196 33.195 33.205 33.213 33.211 33.214 33.221 33.221 33.220	24.529 24.527 24.614 24.656 24.696 24.720 24.739 24.739	24.529 24.571 24.628 24.747 24.833 24.917 24.986 25.038 25.093 25.146	24.529 24.526 24.539 24.613 24.655 24.718 24.726 24.736 24.745	339.6 340.2 339.2 332.4 328.7 325.2 323.2 322.6 321.9 321.4	.000 .340 .680 1.015 1.346 1.673 1.997 2.320 2.642 2.964	89.2 89.3 89.4 89.5 89.5 89.5 89.4	1506.0 1506.1 1506.3 1505.3 1505.0 1504.5 1504.3 1504.5 1504.5	.0 1.7 6.8 15.2 27.0 42.0 60.3 81.8 106.5	.0 12.5 24.8 49.9 34.4 48.4 22.0 9.1 12.1 7.1
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.1	14.279 13.221 11.867 11.080 10.505 9.915 9.658 9.574 9.411 9.359	14.264 13.206 11.852 11.065 10.489 9.898 9.641 9.555 9.391 9.338	33.271 33.159 33.047 33.030 33.074 33.189 33.329 33.416 33.544 33.602	24.797 24.927 25.101 25.2366 25.555 25.707 25.7916 25.969	25.240 25.416 25.638 25.814 25.996 26.232 26.430 26.558 26.729 26.828	24.794 24.924 25.098 25.228 25.363 25.552 25.704 25.787 25.913 25.966	317.0 304.7 288.1 275.8 263.0 245.1 230.8 223.2 211.3 206.4	3.283 3.595 3.891 4.174 4.442 4.697 4.933 5.163 5.380 5.589	88.6 89.3 89.5 89.7 89.1 90.1 90.2	1504.6 1501.1 1496.5 1493.9 1492.0 1490.2 1489.6 1489.6 1489.3	165.5 199.8 237.1 277.2 320.1 365.6 413.5 463.7 516.1 570.6	94.4 164.7 103.3 90.5 88.4 251.1 18.5 226.4 71.2 68.3
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.6 278.6 288.5	9.270 9.100 9.039 9.000 8.891 8.761 8.511 8.148 8.002 7.830	9.248 9.077 9.015 8.975 8.866 8.734 8.121 7.974 7.801	33.700 33.837 33.867 33.879 33.914 33.982 33.974 33.984 33.990	26.061 26.195 26.229 26.245 26.289 26.354 26.402 26.450 26.450 26.510	26.966 27.145 27.224 27.285 27.375 27.487 27.580 27.676 27.752 27.829	26.058 26.192 26.225 26.241 26.285 26.350 26.397 26.446 26.476 26.506	197.9 185.4 182.4 181.0 177.0 170.9 166.5 161.9 159.2 156.4	5.791 5.983 6.168 6.350 6.527 6.702 6.871 7.035 7.195 7.352	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1489.3 1489.0 1489.0 1488.8 1488.5 1487.8 1486.5 1486.2 1485.7	627.2 685.7 746.1 808.3 872.3 938.0 1005.5 1074.5 1145.2 1217.5	109.0 88.8 62.7 79.1 16.4 79.1 47.7 -1.5 50.6
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	7.710 7.623 7.442 7.325 7.256 7.127 6.927 6.784 6.641 6.621	7.681 7.593 7.411 7.293 7.224 7.095 6.894 6.750 6.606 6.586	34.003 34.006 34.012 34.015 34.020 34.027 34.023 34.020 34.034 34.033	26.538 26.553 26.583 26.602 26.616 26.640 26.664 26.711 26.713	27.903 27.963 28.041 28.106 28.166 28.236 28.307 28.372 28.448 28.496	26.533 26.548 26.579 26.598 26.612 26.635 26.659 26.706 26.708	153.9 152.6 149.7 148.0 146.8 144.6 142.3 140.7 138.0 137.9	7.507 7.661 7.812 7.961 8.108 8.254 8.397 8.539 8.678 8.816	90.2 90.3 90.3 90.3 90.3 90.3 90.3	1485.4 1485.2 1484.7 1484.4 1484.3 1484.0 1483.3 1482.9 1482.6	1291.2 1366.6 1443.4 1521.7 1601.5 1682.7 1765.3 1849.4 1934.9 2021.7	9.5 20.9 3.9 14.7 13.5 14.4 21.7 40.1
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0 490.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1	6.467 6.312 6.118 5.982 5.853 5.787 5.722 5.757 5.615 5.463	6.431 6.276 6.081 5.945 5.816 5.749 5.683 5.717 5.575	34.049 34.052 34.055 34.051 34.051 34.049 34.051 34.081 34.074 34.072	26.746 26.769 26.810 26.825 26.833 26.842 26.862 26.874 26.890	28.576 28.646 28.720 28.781 28.843 28.897 28.953 29.018 29.077 29.142	26.742 26.764 26.791 26.806 26.820 26.828 26.837 26.857 26.869 26.886	134.8 132.6 130.0 128.7 127.3 126.6 125.8 124.1 122.9 121.3	8.953 9.086 9.217 9.346 9.475 9.602 9.728 9.853 9.976 10.098	90.3 90.4 90.4 90.4 90.4 90.4 90.5 90.4	1482.2 1481.8 1481.1 1480.8 1480.4 1480.3 1480.2 1480.5 1480.1 1479.7	2109.9 2199.4 2290.2 2382.3 2475.7 2570.3 2666.2 2763.3 2861.7 2961.2	51.5 36.2 6.9 .2 .4 5.1 13.9 4.0 31.2 33.8
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	496.9 506.9 516.8 526.7 536.6 546.5 556.4 576.3 586.2	5.360 5.290 5.217 5.150 5.080 5.037 4.959 4.916 4.843	5.319 5.249 5.175 5.108 5.037 4.994 4.929 4.914 4.870 4.797	34.078 34.081 34.088 34.094 34.105 34.112 34.128 34.136 34.143	26.907 26.918 26.926 26.940 26.953 26.966 26.980 26.994 27.005 27.019	29.205 29.262 29.318 29.378 29.438 29.497 29.557 29.618 29.675 29.735	26.902 26.913 26.921 26.935 26.948 26.961 26.975 26.989 27.000 27.014	119.7 118.8 118.0 116.8 115.6 114.3 113.1 111.9 110.9	10.219 10.338 10.456 10.574 10.690 10.805 10.918 11.031 11.142 11.252	90.5 90.5 90.5 90.5 90.5 90.5 90.5 90.5	1479.4 1479.3 1479.2 1479.1 1479.0 1478.9 1479.0 1479.0 1478.9	3062.0 3163.9 3267.0 3371.3 3476.8 3583.3 3691.0 3799.8 3909.7	8.0 6.8 9.7 18.2 26.1 9.4 13.8 18.2 17.3
600.0 610.0 620.0 630.0 640.0 650.0 660.0 680.0 690.0	596.1 606.0 615.9 625.8 635.7 655.6 665.5 675.4 685.3	4.775 4.769 4.7698 4.640 4.614 4.619 4.565 4.536 4.531	4.728 4.721 4.685 4.649 4.591 4.564 4.568 4.513 4.484 4.477	34.152 34.163 34.172 34.182 34.190 34.216 34.223 34.223 34.232	27.034 27.045 27.055 27.066 27.079 27.086 27.102 27.114 27.124 27.136	29.797 29.853 29.910 29.968 30.028 30.081 30.142 30.200 30.257 30.315	27.029 27.038 27.049 27.060 27.074 27.081 27.097 27.108 27.118 27.130	108.2 107.4 106.4 105.4 104.2 103.6 102.2 101.1 100.2 99.2	11.361 11.469 11.576 11.682 11.787 11.890 11.993 12.095 12.196 12.295	90.5 90.4 90.4 90.4 90.4 90.3 90.3	1478.8 1478.9 1478.9 1479.0 1479.0 1479.2 1479.2 1479.2	4132.8 4246.0 4360.2 4475.4 4591.7 4709.0 4827.4 4946.7 5067.1 5188.4	7.1 12.4 12.1 14.4 3.9 6.2 31.1 2.7 20.6 10.3
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.502 4.474 4.451 4.469 4.389 4.367 4.339 4.286 4.223	4.448 4.419 4.396 4.353 4.332 4.310 4.281 4.228 4.207 4.163	34.255 34.261 34.269 34.288 34.288 34.294 34.304 34.308 34.315 34.327	27.146 27.154 27.163 27.177 27.185 27.192 27.203 27.212 27.220 27.234	30.371 30.425 30.480 30.541 30.594 30.648 30.705 30.760 30.814 30.875	27.140 27.148 27.157 27.171 27.179 27.186 27.197 27.205 27.213 27.228	98.3 97.8 96.8 95.5 94.2 93.5 92.8 91.8 90.5	12.394 12.492 12.589 12.686 12.781 12.875 12.969 13.062 13.155 13.246	90.3 90.3 90.2 90.2 90.2 90.2 90.2	1479.4 1479.5 1479.5 1479.5 1479.6 1479.7 1479.8 1479.7 1479.8	5310.7 5433.9 5558.2 5683.3 5809.5 5936.5 6064.5 6193.4 6323.2 6453.9	2.1 7.7 4.5 12.7 6.2 16.2 3.6 3.0 15.0
800.0 810.0 820.0 830.0 840.0 850.0 860.0 860.0 890.0	794.2 804.1 814.0 823.9 833.8 853.6 863.5 873.4 883.3	4.248 4.253 4.207 4.185 4.174 4.133 4.089 4.089 3.995 3.977	4.187 4.191 4.145 4.122 4.110 4.069 4.024 3.997 3.929 3.911	34.338 34.341 34.351 34.357 34.360 34.369 34.377 34.383 34.401 34.403	27.240 27.242 27.255 27.262 27.265 27.277 27.288 27.295 27.317 27.320	30.926 30.974 31.033 31.086 31.136 31.194 31.252 31.305 31.373 31.423	27.234 27.236 27.249 27.255 27.259 27.271 27.282 27.289 27.310 27.313	90.0 90.8 88.2 86.2 865.8 855.2 853.1 82.8	13.336 13.426 13.516 13.604 13.692 13.779 13.865 13.951 14.036 14.118	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1480.1 1480.3 1480.3 1480.4 1480.5 1480.5 1480.5 1480.5 1480.5	6585.5 6718.0 6851.3 6985.6 7120.7 7256.7 7393.5 7531.1 7669.6 7808.9	2.8 14.2 5.7 5.1 24.8 5.1 16.6
900.0 910.0 920.0 930.0 940.0 950.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	3.963 3.952 3.927 3.889 3.827 3.811 3.793 3.769 3.757	3.896 3.884 3.858 3.820 3.758 3.740 3.722 3.697 3.685 3.638	34.406 34.408 34.415 34.423 34.432 34.436 34.438 34.442 34.442 34.442	27.324 27.327 27.336 27.346 27.359 27.364 27.368 27.373 27.375 27.385	31.473 31.522 31.576 31.633 31.694 31.794 31.845 31.893 31.950	27.317 27.320 27.329 27.339 27.352 27.357 27.360 27.365 27.367 27.378	82.6 82.3 81.6 80.6 79.3 79.7 78.2 78.1 77.1	14.201 14.283 14.365 14.447 14.526 14.606 14.684 14.763 14.841 14.918	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1480.6 1480.8 1480.8 1480.8 1480.8 1480.9 1481.0 1481.1	7949.0 8090.0 8231.7 8374.3 8517.6 8661.7 8806.6 8952.2 9098.6 9245.8	1.3 4 1.0 21.0 4.6 9.0 1.3 1 2.8 4.0

Station	15	Latitude	32° 28.	03'N	Longitu	de 127°	52.23'W	27	Apr 1991	GMT 23	3:03	Bottom	1425 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma -0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
1000.0 1020.0 1040.0 1060.0 1100.0 1120.0 1140.0 1160.0 1180.0	992.1 1011.9 1031.7 1051.5 1071.3 1091.0 1110.8 1130.6 1150.3 1170.1	3.701 3.674 3.631 3.555 3.497 3.439 3.361 3.339 3.302 3.260	3.628 3.599 3.555 3.478 3.419 3.259 3.281 3.257 3.219 3.176	34.451 34.457 34.464 34.477 34.485 34.492 34.501 34.501 34.507	27.387 27.395 27.404 27.422 27.435 27.446 27.460 27.465 27.471 27.479	31.998 32.200 32.311 32.416 32.520 32.628 32.724 32.823 32.923	27.380 27.387 27.397 27.415 27.427 27.438 27.453 27.453 27.457 27.463 27.471	76.9 76.4 75.5 73.8 72.7 71.6 70.2 69.9 69.6	14.995 15.149 15.301 15.450 15.597 15.741 15.883 16.023 16.023 16.300	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1481.2 1481.5 1481.6 1481.7 1481.8 1481.8 1482.1 1482.3 1482.4	9393.7 9691.9 9993.0 10297.1 10604.0 10913.8 11226.4 11541.8 11859.8 12180.6	1.9 1.4 2.3 1.1 2.0 10.2 4.0 4.0 2.6
1200.0 1220.0 1240.0 1260.0 1280.0 1298.0	1189.8 1209.6 1229.4 1249.1 1268.9 1286.7	3.230 3.200 3.143 3.141 3.127 3.077	3.144 3.113 3.055 3.052 3.036 2.985	34.516 34.521 34.526 34.528 34.528 34.532	27.485 27.492 27.502 27.504 27.505 27.513	33.021 33.120 33.222 33.315 33.408 33.499	27.477 27.484 27.494 27.496 27.497 27.504	68.1 67.5 66.6 66.6 65.8	16.437 16.573 16.708 16.841 16.974 17.093	90.2 90.2 90.3 90.2 90.2	1482.6 1482.8 1482.9 1483.3 1483.5 1483.6	12504.1 12830.2 13159.0 13490.3 13824.3 14127.1	7.0 6 5.9 -1.4 6

Station		Latitude			· .	ide 127°			Apr 1991		:53	Bottom	
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	$10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	sv m/s	m ³ /s ²	N ²
20.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.246 15.250 15.222 14.931 14.737 14.519 14.484 14.424 14.433	15.246 15.249 15.219 14.927 14.731 14.512 14.475 14.414 14.422 14.400	33.206 33.203 33.202 33.188 33.222 33.215 33.219 33.214 33.248 33.258	24.536 24.534 24.540 24.592 24.660 24.701 24.712 24.721 24.725	24.536 24.578 24.628 24.724 24.837 24.922 24.978 25.031 25.100 25.157	24.536 24.534 24.539 24.591 24.659 24.700 24.711 24.719 24.743 24.756	339.0 339.5 339.2 334.6 328.3 324.7 323.9 323.3 321.3 320.4	.000 .339 .679 1.017 1.348 1.674 1.998 2.322 2.644 2.965	89.3 89.3 89.5 89.5 89.5 89.5 89.5 89.5 89.5 89.5	1506.0 1506.2 1505.4 1505.0 1504.5 1504.5 1504.7 1504.8	.0 1.7 6.8 15.2 27.0 42.1 60.3 81.9 106.6 134.5	.0 2.8 4.0 136.9 63.9 11.2 14.1 17.3 22.9
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.2	14.438 14.270 12.910 11.579 10.741 10.183 9.743 9.557 9.481 9.400	14.424 14.254 12.894 11.563 10.724 10.165 9.725 9.539 9.461 9.379	33.275 33.318 33.136 33.028 33.049 33.104 33.249 33.365 33.483 33.594	24.766 24.835 24.970 25.139 25.306 25.445 25.631 25.752 25.857 25.957	25.208 25.322 25.505 25.722 25.935 26.121 26.353 26.520 26.670 26.816	24.763 24.832 24.967 25.137 25.303 25.442 25.628 25.749 25.854 25.953	319.9 313.6 300.7 284.6 268.8 258.6 238.1 226.7 217.0 207.6	3.285 3.602 3.908 4.200 4.477 4.740 4.986 5.219 5.442 5.654	89.2 89.4 89.6 89.8 90.1 90.1 90.2	1505.1 1504.8 1500.2 1495.6 1492.8 1491.1 1489.8 1489.4 1489.5 1489.5	165.6 199.9 237.3 277.7 320.9 366.8 415.1 465.9 518.9	19.4 79.1 90.0 155.3 159.0 129.9 106.4 63.3 143.0 128.9
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.256 9.163 9.117 9.091 8.979 8.826 8.691 8.592 8.389 8.185	9.234 9.141 9.093 9.066 8.954 8.800 8.664 8.564 8.360 8.155	33.722 33.780 33.813 33.840 33.943 33.943 33.975 33.988 34.012 34.007	26.081 26.140 26.174 26.200 26.254 26.322 26.368 26.394 26.444 26.471	26.985 27.090 27.169 27.240 27.340 27.454 27.546 27.618 27.714 27.787	26.077 26.137 26.170 26.196 26.250 26.318 26.364 26.390 26.440 26.466	196.1 190.5 187.6 185.3 180.3 174.0 169.7 167.4 162.7 160.3	5.854 6.049 6.238 6.425 6.607 6.786 6.957 7.126 7.292 7.454	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1489.3 1489.2 1489.3 1489.1 1488.8 1488.4 1488.3 1487.7 1487.1	631.3 690.5 751.5 814.4 879.2 945.7 1014.0 1084.0 1155.6 1228.8	28.5 46.3 22.6 77.7 33.4 95.5 22.0 14.4 29.3 41.2
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	8.058 7.768 7.685 7.592 7.426 7.338 7.009 6.819 6.752 6.692	8.028 7.737 7.654 7.560 7.394 7.305 6.785 6.717 6.656	34.013 34.018 34.034 34.026 34.059 34.057 34.030 34.028 34.029 34.030	26.495 26.541 26.566 26.573 26.623 26.634 26.659 26.683 26.692 26.701	27.857 27.951 28.022 28.075 28.171 28.228 28.301 28.373 28.428 28.483	26.490 26.537 26.562 26.569 26.629 26.629 26.654 26.678 26.688 26.696	158.2 153.7 151.5 150.9 146.3 145.3 142.9 140.6 139.8 139.1	7.613 7.769 7.921 8.073 8.221 8.367 8.511 8.653 8.793 8.932	90.2 90.3 90.3 90.3 90.3 90.3 90.3	1486.7 1485.8 1485.7 1485.5 1485.0 1484.8 1483.7 1483.1 1483.0 1482.9	1303.6 1380.0 1457.9 1537.3 1618.2 1700.6 1784.4 1869.6 1956.1 2044.1	38.0 61.4 12.5 12.2 30.0 19.7 3.0 22.6 9 7.3
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0 490.0	397.7 407.7 417.6 427.5 437.4 447.4 457.3 467.2 477.1	6.619 6.472 6.357 6.179 6.163 6.074 5.992 6.031 5.890 5.647	6.582 6.435 6.320 6.142 6.125 6.035 5.952 5.990 5.849 5.606	34.031 34.040 34.048 34.053 34.053 34.065 34.066 34.084 34.078 34.060	26.712 26.738 26.760 26.786 26.789 26.809 26.821 26.830 26.844 26.858	28.540 28.614 28.681 28.756 28.804 28.871 28.929 28.983 29.044 29.107	26.707 26.733 26.755 26.781 26.784 26.805 26.816 26.825 26.838 26.853	138.1 135.6 133.7 131.1 131.0 129.1 128.1 127.4 126.1 124.5	9.071 9.208 9.342 9.474 9.606 9.736 9.864 9.992 10.119	90.4 90.4 90.4 90.4 90.4 90.4 90.4	1482.8 1482.4 1482.1 1481.6 1481.7 1481.5 1481.3 1481.7 1481.2 1480.4	2133.5 2224.2 2316.2 2409.6 2504.2 2600.2 2697.4 2795.9 2895.7 2996.7	18.4 4.1 29.2 4.0 10.8 11.9 13.7 9.3 15.4
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	497.0 506.9 516.8 526.7 536.6 546.5 556.5 566.4 576.3 586.2	5.519 5.598 5.554 5.500 5.443 5.340 5.295 5.292 5.115 4.939	5.477 5.556 5.511 5.456 5.398 5.295 5.249 5.176 5.068 4.893	34.068 34.088 34.107 34.121 34.126 34.140 34.149 34.157 34.157	26.881 26.908 26.925 26.936 26.959 26.972 26.986 26.999 27.013	29.177 29.228 29.295 29.358 29.416 29.486 29.545 29.606 29.666 29.728	26.876 26.882 26.903 26.920 26.931 26.954 26.967 26.981 26.994 27.007	122.4 122.0 120.2 118.6 117.6 115.4 114.3 112.9 111.7 110.3	10.368 10.490 10.611 10.731 10.849 10.965 11.080 11.193 11.306 11.417	90.5 90.4 90.4 90.5 90.5 90.4 90.4	1480.1 1480.6 1480.5 1480.5 1480.2 1480.2 1480.1 1479.8 1479.3	3098.9 3202.3 3307.0 3412.8 3519.8 3627.9 3737.2 3847.6 3959.2 4071.8	21.8 20.7 16.3 24.5 25.6 21.5 17.7 10.1 9.5 22.9
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.8 645.7 655.6 665.5 675.4 685.3	4.872 4.952 5.091 4.988 4.957 4.953 4.873 4.753 4.753 4.512	4.824 4.903 5.041 4.938 4.906 4.901 4.820 4.700 4.541 4.459	34.152 34.179 34.217 34.217 34.224 34.235 34.238 34.238 34.238 34.232	27.023 27.035 27.050 27.062 27.071 27.080 27.092 27.105 27.118 27.131	29.785 29.842 29.899 29.958 30.014 30.128 30.188 30.250 30.310	27.017 27.030 27.044 27.056 27.065 27.074 27.086 27.099 27.112 27.125	109.4 108.4 107.4 106.3 105.5 104.7 103.6 102.3 100.9 99.6	11.527 11.636 11.744 11.851 11.957 12.062 12.165 12.268 12.370 12.470	90.4 90.4 90.4 90.3 90.3 90.3 90.3	1479.2 1479.7 1480.5 1480.3 1480.4 1480.3 1479.9 1479.4 1479.3	4185.5 4300.3 4416.2 4533.1 4770.1 4890.1 5011.2 5133.2 5256.3	15.0 6.6 12.4 2.8 14.5 25.6 11.8 21.5
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.438 4.506 4.470 4.458 4.363 4.316 4.270 4.263 4.224	4.384 4.451 4.414 4.402 4.306 4.259 4.232 4.212 4.212 4.164	34.249 34.272 34.286 34.289 34.290 34.296 34.300 34.309 34.314 34.325	27.148 27.160 27.175 27.178 27.189 27.199 27.206 27.214 27.219 27.232	30.374 30.430 30.491 30.599 30.599 30.708 30.763 30.814 30.873	27.143 27.154 27.169 27.172 27.183 27.193 27.199 27.208 27.213 27.226	98.0 97.1 95.8 95.5 94.4 93.5 93.0 92.2 91.8 90.7	12.569 12.667 12.763 12.858 12.953 13.047 13.141 13.233 13.325 13.416	90.3 90.3 90.2 90.2 90.2 90.2 90.2 90.3	1479.1 1479.6 1479.8 1479.5 1479.5 1479.6 1479.7 1479.8 1479.8	5380.3 5505.3 5631.3 5758.1 5886.0 6014.7 6144.4 6275.0 6406.5 6538.9	7.7 26.2 12.7 1.6 4.5 6.2 2.7 1.9 18.6
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.203 4.177 4.177 4.159 4.146 4.124 4.076 4.040 3.995	4.143 4.116 4.115 4.096 4.083 4.104 4.059 4.011 3.974 3.928	34.334 34.338 34.347 34.355 34.366 34.378 34.384 34.391 34.397 34.402	27.242 27.248 27.255 27.263 27.273 27.281 27.290 27.301 27.309 27.317	30.929 30.981 31.034 31.088 31.144 31.197 31.253 31.310 31.365 31.420	27.235 27.242 27.248 27.257 27.267 27.267 27.283 27.294 27.302 27.311	89.8 89.3 88.7 88.0 87.1 86.7 84.7 83.9	13.507 13.596 13.685 13.774 13.861 13.948 14.034 14.119 14.204 14.287	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1479.9 1480.0 1480.1 1480.2 1480.4 1480.6 1480.6 1480.6 1480.6	6672.2 6806.4 6941.4 7077.3 7214.1 7351.7 7490.2 7629.5 7769.7 7910.7	13.3 10.1 9.8 10.4 -2.5 13.9 11.6 8.1 11.3 9.8
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	3.969 3.944 3.930 3.915 3.866 3.833 3.822 3.803 3.763	3.902 3.876 3.862 3.846 3.797 3.763 3.751 3.731 3.718 3.690	34.406 34.412 34.417 34.420 34.430 34.434 34.434 34.440 34.442 34.442	27.324 27.331 27.337 27.341 27.354 27.360 27.363 27.368 27.371 27.374	31.472 31.526 31.577 31.628 31.687 31.740 31.789 31.889 31.889 31.938	27.317 27.324 27.330 27.334 27.346 27.353 27.356 27.361 27.364 27.367	82.6 81.9 81.5 81.1 79.3 79.1 78.7 78.2	14.370 14.452 14.534 14.615 14.696 14.775 14.854 14.933 15.012 15.090	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1480.7 1480.8 1481.0 1480.9 1481.0 1481.1 1481.2 1481.3	8052.5 8195.1 8338.5 8482.7 8627.7 8773.4 8920.0 9067.3 9215.4 9364.3	1.3 7.5 3.1 3.4 4.6 1.1 4.0 8.7 4.0

Station	16	Latitude	32° 29.	20'N	Longitu	de 127°	54.71'W	27	Apr 1991	GMT	:53	Bottom	
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t		Dyn.Ht	LTR	sv	m ³ /s ²	N ²
ďЪ	m	.c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	J/kg	0/0	m/s	m ³ /s ²	10 ⁶ /s ²
1000.0	992.2	3.725	3.651	34.448	27.383	31.993	27.375	77.4	15.168	90.2	1481.3	9514.0	4.6
1020.0	1011.9	3.664	3.589	34.456	27.395	32.098	27.388	76.3	15.322	90.2	1481.4	9815.5	8.7
1040.0	1031.7	3.622	3.546	34.465	27.406	32.201	27.399	75.3	15.474	90.2	1481.6	10120.0	5.2
1060.0	1051.5	3.593	3.516	34.470	27.413	32.300	27.406	74.8	15.624	90.2	1481.8	10427.5	3.4
1080.0	1071.3	3.546	3.468	34.476	27.423	32.403	27.415	73.9	15.773	90.2	1481.9	10737.9	3.5
1100.0	1091.0	3.511	3.431	34.482	27.431	32.503	27.423	73.2	15.920	90.2	1482.1	11051.2	1.7
1120.0	1110.8	3.485	3.404	34.486	27.437	32.601	27.429	72.7	16.066	90.2	1482.4	11367.4	6.4
1140.0	1130.6	3.445	3.362	34.490	27.444	32.700	27.436	72.1	16.210	90.2	1482.5	11686.4	2.0
1160.0	1150.3	3.411	3.327	34.497	27.453	32.801	27.445	71.4	16.354	90.2	1482.7	12008.2	2.3
1180.0	1170.1	3.359	3.274	34.504	27.464	32.904	27.456	70.3	16.495	90.2	1482.8	12332.8	1.8
1200.0	1189.9	3.288	3.202	34.513	27.478	33.012	27.470	69.0	16.635	90.2	1482.9	12660.2	5.6
1220.0	1209.6	3.263	3.175	34.517	27.484	33.109	27.476	68.5	16.772	90.2	1483.1	12990.2	7.0
1240.0	1229.4	3.212	3.123	34.523	27.493	33.211	27.485	67.7	16.909	90.2	1483.2	13323.0	9.7
1260.0	1249.1	3.167	3.077	34.524	27.498	33.309	27.490	67.2	17.044	90.2	1483.4	13658.3	1.5
1280.0	1268.9	3.132	3.041	34.525	27.502	33.405	27.494	66.8	17.178	90.2	1483.6	13996.3	5.0
1300.0	1288.6	3.096	3.004	34.529	27.509	33.504	27.500	66.3	17.311	90.2	1483.7	14336.9	5.0
1320.0	1308.4	3.065	2.971	34.533	27.515	33.602	27.506	65.8	17.443	90.2	1483.9	14680.1	1.5
1340.0	1328.1	3.031	2.936	34.537	27.521	33.700	27.513	65.2	17.574	90.2	1484.1	15025.9	2.7
1360.0	1347.9	3.005	2.909	34.539	27.525	33.796	27.517	64.9	17.704	90.2	1484.4	15374.2	8.0
1380.0	1367.6	2.955	2.858	34.545	27.535	33.898	27.526	64.0	17.833		1484.5	15725.0	2.7
1400.0	1387.4	2.931	2.832	34.548	27.539	33.994	27.530	63.6	17.961	90.2	1484.7	16078.3	1.0
1420.0	1407.1	2.885	2.784	34.551	27.546	34.094	27.537	62.9	18.087	90.2	1484.9	16434.1	3.6
1440.0	1426.8	2.859	2.757	34.552	27.550	34.189	27.541	62.7	18.212	90.2	1485.1	16792.3	.4
1460.0	1446.6	2.824	2.722	34.557	27.556	34.288	27.547	62.0	18.337	90.2	1485.3	17153.0	3.7
1480.0	1466.3	2.791	2.687	34.560	27.562	34.386	27.553	61.5	18.461	90.2	1485.5	17516.1	1
1500.0	1486.1	2.766	2.661	34.562	27.566	34.481	27.557	61.2	18.584	90.2	1485.7	17881.6	5.7
1520.0	1505.8	2.746	2.639	34.564	27.569	34.576	27.560	60.9	18.706	90.3	1485.9	18249.4	3.7
1540.0	1525.5	2.715	2.607	34.566	27.574	34.673	27.565	60.5	18.827	90.3	1486.1	18619.6	2.8
1560.0	1545.2	2.678	2.568	34.569	27.580	34.770	27.570	60.0	18.948	90.3	1486.3	18992.2	6.9
1580.0	1564.9	2.639	2.528	34.573	27.586	34.869	27.576	59.3	19.067	90.2	1486.5	19367.1	.8
1600.0	1584.7	2.610	2.498	34.575	27.591	34.965	27.581	58.9	19.185	90.3	1486.7	19744.3	6.7
1620.0	1604.4	2.583	2.470	34.577	27.594	35.061	27.585	58.6	19.302	90.3	1486.9	20123.8	4.0
1640.0	1624.1	2.551	2.437	34.579	27.599	35.157	27.589	58.1	19.419	90.3	1487.1	20505.6	6
1660.0	1643.8	2.516	2.401	34.583	27.605	35.255	27.595	57.6	19.535	90.3	1487.3	20889.6	3.2
1680.0	1663.6	2.478	2.361	34.586	27.611	35.353	27.601	57.0	19.650	90.3	1487.5	21275.9	5.8
1700.0	1683.3	2.463	2.345	34.587	27.613	35.446	27.603	56.8	19.764	90.3	1487.7	21664.3	5.0
1720.0	1703.0	2.424	2.304	34.590	27.619	35.545	27.609	56.2	19.877	90.3	1487.9	22055.0	7.0
1740.0	1722.7	2.390	2.270	34.593	27.624	35.642	27.614	55.7	19.989		1488.1	22447.9	5.0
1760.0 1780.0	1742.4 1762.1	2.355	2.234	34.596 34.597	27.629 27.631	35.739 35.832	27.619 27.621	55.2 55.1	20.100	90.3 90.3	1488.3 1488.6	22842.9 23240.0	1.2
1800.0	1781.8	2.318	2.193	34.599	27.635	35.927	27.625	54.7	20.320	90.3	1488.8	23639.3	1.2
1820.0	1801.5	2.276	2.150	34.603	27.641	36.026	27.631	54.0	20.428	90.3	1489.0	24040.7	2.1
1840.0	1821.2	2.254	2.128	34.604	27.644	36.120	27.634	53.8	20.536	90.3	1489.2	24444.2	1.5
1860.0 1880.0 1900.0	1840.9 1860.6 1880.3	2.242 2.234 2.218	2.114 2.104 2.087	34.607 34.607 34.608	27.648 27.648 27.651	36.215 36.306 36.400	27.637 27.638 27.640	53.5 53.5 53.3	20.643 20.751 20.857	90.4 90.3 90.3	1489.5 1489.8 1490.1	24849.7 25257.4 25667.1	-2.3 1.9
1920.0 1940.0	1900.0 1919.7	2.202 2.193	2.069 2.058	34.609 34.610	27.653 27.654	36.493 36.584	27.642 27.643	53.1 53.1	20.964	90.3 90.4	1490.3 1490.6	26078.8 26492.7	1.3 1.0 4
1960.0	1939.3 1959.0	2.178 2.153	2.042	34.611 34.614	27.657 27.661	36.678 36.774	27.646 27.650	52.9 52.4	21.176 21.281	90.3 90.4	1490.9 1491.1	26908.5 27326.4	1.1
2000.0	1978.7	2.132	1.993	34.616	27.665	36.868	27.654	52.1	21.385	90.3	1491.4	27746.3	3.1
2050.0	2027.9	2.076	1.934	34.622	27.674	37.106	27.663	51.2	21.643	90.3	1492.0	28804.9	1.4
2098.0	2075.1	2.025	1.880	34.627	27.682	37.333	27.671	50.4	21.887	90.3	1492.6	29832.8	.0

Station Pres.	17 Depth	Latitude	32° 31.			ude 128°			Apr 1991			Bottom	
db .	m	Temp. 'C 15.309	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /k	-	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.8 49.8 59.8 69.7 79.7	15.317 15.323 15.369 15.334 15.332 15.353 15.326 15.358	15.309 15.316 15.320 15.364 15.328 15.324 15.344 15.321 15.314 15.345	33.255 33.254 33.254 33.308 33.426 33.432 33.447 33.472 33.491 33.503	24.560 24.558 24.557 24.589 24.688 24.694 24.700 24.725 24.741 24.743	24.560 24.645 24.722 24.864 24.916 24.965 25.033 25.094 25.139	24.560 24.558 24.588 24.686 24.692 24.698 24.738 24.740	336.6 337.2 337.6 334.8 325.7 325.5 325.1 323.1 321.9 322.0	.000 .337 .674 1.011 1.340 1.665 1.991 2.315 2.637 2.959	89.33 899.44 899.999.44 899.999.999.44 899.44	1506.2 1506.4 1506.6 1507.0 1507.2 1507.3 1507.6 1507.7 1507.9	.0 1.7 6.7 15.1 26.8 41.8 60.0 81.5 106.1	-04 -3.6 122.6 7.0 -8 6.7 41.5 2.0 5.0
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2	15.255 15.348 13.919 11.434 10.736 10.514 9.950 9.723 9.604 9.471	15.240 15.331 13.902 11.418 10.719 10.496 9.932 9.704 9.584 9.450	33.505 33.639 33.516 33.151 33.082 33.143 33.208 33.317 33.399 33.528	24.768 24.851 25.061 25.261 25.332 25.418 25.565 25.687 25.772 25.894	25.208 25.335 25.593 25.844 26.093 26.287 26.455 26.752	24.765 24.847 25.058 25.258 25.329 25.415 25.562 25.684 25.890	319.9 312.4 292.3 273.0 266.3 258.3 244.4 232.9 225.1 213.6	3.281 3.598 3.903 4.188 4.457 4.722 4.973 5.213 5.441 5.658	89.3 89.4 89.8 89.9 90.1 90.2 90.2	1508.0 1508.6 1504.0 1495.3 1492.3 1490.5 1490.0 1489.8	165.1 199.3 236.7 276.9 320.0 365.6 413.9 464.5 517.5 572.7	55.0 109.2 253.3 210.1 19.9 287.8 148.6 208.6 128.4 86.8
200.0 210.0 220.0 230.0 240.0 250.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.183 9.130 9.045 8.922 8.837 8.586 8.469 8.331 8.256 8.138	9.162 9.108 9.021 8.898 8.812 8.560 8.442 8.303 8.228 8.108	33.670 33.713 33.810 33.850 33.885 33.937 33.956 33.982 33.994 34.009	26.052 26.093 26.184 26.234 26.275 26.355 26.388 26.429 26.450 26.480	26.956 27.043 27.179 27.275 27.361 27.488 27.567 27.654 27.721 27.796	26.048 26.090 26.180 26.230 26.271 26.351 26.425 26.425 26.425	198.8 195.0 186.6 182.0 178.3 170.8 167.8 164.0 162.1 159.4	5.862 6.060 6.252 6.436 6.617 6.792 6.961 7.128 7.291 7.451	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1488.9 1488.9 1488.9 1488.6 1487.8 1487.6 1487.3 1487.1	630.0 689.2 750.4 813.5 878.3 945.0 1013.3 1083.3 1154.9 1228.1	7.4 53.6 25.2 37.8 56.0 80.5 13.4 41.8 34.8
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.3 338.1 358.0 368.0 377.9 387.8	8.045 7.865 7.865 7.654 7.398 7.301 7.146 7.088 7.019 6.739	8.015 7.834 7.773 7.622 7.365 7.268 7.112 7.053 6.983 6.703	34.018 34.024 34.022 34.019 34.019 34.016 34.012 34.007 34.017	26.500 26.532 26.539 26.560 26.595 26.609 26.628 26.633 26.639 26.685	27.863 27.941 27.994 28.061 28.144 28.204 28.270 28.321 28.373 28.467	26.496 26.527 26.535 26.555 26.605 26.624 26.628 26.635 26.680	157.6 154.7 154.1 152.3 148.9 147.8 145.8 145.5 145.0	7.610 7.766 7.920 8.074 8.224 8.372 8.519 8.665 8.810 8.953	90.3 90.3 90.3 90.3 90.3 90.4 90.4	1486.7 1486.2 1486.1 1485.7 1484.9 1484.6 1484.2 1484.1 1483.1	1302.9 1379.2 1457.1 1536.5 1617.5 1699.8 1783.7 1869.0 1955.7 2043.9	19.0 30.9 6.3 71.3 8.9 9.8 20.3 -1.7 69.4
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.7 417.6 427.5 437.4 447.4 457.3 467.2 477.1 487.0	6.523 6.464 6.358 6.288 6.169 6.098 6.011 5.950 5.892 5.858	6.487 6.427 6.320 6.250 6.130 6.059 5.971 5.910 5.851 5.816	34.022 34.021 34.026 34.028 34.042 34.051 34.057 34.064 34.073	26.718 26.724 26.739 26.751 26.769 26.806 26.819 26.832 26.843	28.547 28.600 28.660 28.720 28.783 28.850 28.914 28.973 29.032 29.090	26.713 26.719 26.734 26.747 26.764 26.801 26.814 26.826 26.838	137.5 137.0 135.7 134.5 132.9 131.1 129.5 128.3 127.2 126.2	9.092 9.229 9.366 9.501 9.635 9.767 9.897 10.027 10.154 10.281	90.4 90.4 90.4 90.5 90.5 90.5 90.5	1482.4 1482.3 1482.1 1482.6 1481.6 1481.5 1481.4 1481.3 1481.3	2133.4 2224.4 2316.6 2410.2 2505.2 2505.2 2601.4 2699.0 2797.8 2897.9 2999.3	26.6 1.4 6.7 14.6 15.7 11.3 7.2 35.9 16.9
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	497.0 506.9 516.8 526.7 536.6 546.5 556.4 576.3 586.2	5.721 5.589 5.559 5.453 5.356 5.389 5.354 5.308 5.239 5.240	5.679 5.546 5.516 5.409 5.312 5.344 5.308 5.262 5.192 5.192	34.073 34.077 34.082 34.084 34.089 34.120 34.124 34.133 34.140 34.154	26.860 26.879 26.887 26.901 26.917 26.937 26.945 26.958 26.971 26.982	29.154 29.220 29.274 29.335 29.398 29.463 29.517 29.576 29.636 29.693	26.855 26.874 26.882 26.896 26.912 26.932 26.940 26.952 26.966 26.976	124.6 122.8 122.1 120.8 119.3 117.6 116.9 115.8 114.5 113.6	10.406 10.530 10.652 10.773 10.893 11.012 11.129 11.246 11.361 11.475	90.5 90.5 90.5 90.5 90.5 90.5 90.4 90.4	1480.9 1480.5 1480.6 1480.3 1480.4 1480.4 1480.3 1480.5	3101.9 3205.7 3310.7 3417.0 3524.4 3633.0 3742.8 3853.7 3965.8 4079.0	31.2 24.5 11.6 3.1 1.3 17.1 9.2 10.1 6.0 11.9
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.7 655.6 665.5 675.4 685.3	5.162 5.064 4.953 4.917 4.818 4.784 4.774 4.674 4.674	5.113 5.015 4.903 4.867 4.767 4.733 4.722 4.688 4.621 4.578	34.173 34.180 34.189 34.195 34.202 34.214 34.236 34.250 34.247 34.254	27.007 27.023 27.043 27.053 27.069 27.083 27.101 27.116 27.121 27.131	29.764 29.828 29.895 29.951 30.015 30.074 30.139 30.139 30.251 30.308	27.001 27.018 27.038 27.047 27.064 27.077 27.096 27.110 27.115 27.125	111.3 109.7 107.8 107.0 105.4 104.2 102.5 101.2 100.8 99.8	11.587 11.697 11.806 11.914 12.020 12.125 12.228 12.330 12.431 12.531	90.4 90.4 90.4 90.3 90.3 90.3 90.3	1480.4 1480.1 1479.9 1479.7 1479.7 1479.8 1479.8 1479.8	4193.3 4308.7 4425.2 4542.7 4661.3 4780.9 4901.6 5023.3 5145.9 5269.6	24.7 5.7 25.3 27.3 10.9 12.7 17.1 13.0 7.4 6.8
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0	695.2 705.1 715.0 724.9 734.8 734.7 754.6 764.5 774.5	4.594 4.603 4.655 4.599 4.559 4.559 4.486 4.476 4.439 4.408	4.540 4.548 4.599 4.502 4.502 4.462 4.427 4.416 4.378 4.347	34.261 34.273 34.294 34.298 34.305 34.314 34.321 34.330 34.337 34.341	27.141 27.150 27.161 27.170 27.180 27.192 27.201 27.209 27.219 27.225	30.364 30.419 30.474 30.530 30.586 30.645 30.699 30.754 30.810 30.862	27.135 27.144 27.155 27.164 27.174 27.186 27.194 27.203 27.212 27.219	98.9 98.2 97.4 96.6 95.6 93.8 93.1 92.2 91.7	12.631 12.729 12.827 12.924 13.020 13.115 13.209 13.303 13.395 13.487	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1479.8 1480.0 1480.4 1480.4 1480.4 1480.4 1480.5 1480.6 1480.6	5394.2 5519.8 5646.4 5774.0 5902.4 6031.9 6162.5 6293.5 6558.8	22.7 2.2 10.7 8.0 5.1 5.7 3.7 9.2 7.2 9.5
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 890.0	794.3 804.2 814.0 824.0 833.8 843.8 853.6 863.5 873.4 883.3	4.384 4.334 4.286 4.265 4.246 4.207 4.176 4.140 4.110 4.087	4.323 4.272 4.223 4.202 4.182 4.143 4.111 4.075 4.043 4.019	34.348 34.355 34.359 34.362 34.372 34.378 34.385 34.392 34.396	27.234 27.244 27.253 27.258 27.268 27.277 27.286 27.295 27.302 27.309	30.917 30.974 31.029 31.080 31.136 31.192 31.247 31.302 31.356 31.409	27.227 27.238 27.246 27.251 27.261 27.270 27.279 27.288 27.295 27.302	90.9 89.1 88.7 87.9 87.0 86.2 85.4 84.8	13.578 13.669 13.758 13.847 13.936 14.023 14.110 14.195 14.280 14.365	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1480.7 1480.6 1480.6 1480.7 1480.8 1480.8 1480.9 1480.9 1480.9	6692.8 6827.6 6963.4 7100.1 7237.6 7376.0 7515.2 7655.3 7796.2 7937.9	8.1 8.4 11.0 6.0 5.4 5.7 5.1 6.0 8.7 12.5
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.065 4.047 4.018 3.998 3.955 3.918 3.865 3.837 3.801	3.997 3.979 3.949 3.929 3.885 3.847 3.813 3.793 3.764 3.728	34.406 34.415 34.418 34.423 34.423 34.430 34.431 34.437 34.444	27.314 27.319 27.326 27.331 27.339 27.348 27.352 27.359 27.366 27.372	31.460 31.511 31.564 31.615 31.670 31.726 31.777 31.829 31.882 31.935	27.307 27.312 27.319 27.324 27.332 27.341 27.345 27.352 27.359 27.364	83.7 83.3 82.7 82.3 81.5 80.7 80.3 79.7 79.1	14.449 14.532 14.615 14.698 14.780 14.861 14.941 15.021 15.101 15.179	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1481.1 1481.2 1481.2 1481.3 1481.3 1481.3 1481.3 1481.4 1481.5 1481.5	8080.5 8223.9 8368.1 8513.1 8658.9 8805.5 8952.9 9101.1 9399.9	6.0 1.4 6.9 12.2 7.5 5.8 3.7 7.8 4.3

Station	17	Latitude	32° 31.	95'N	Longitu	de 128°	02.46'W	27	Apr 1991	GMT	3:11	Bottom	4450 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0		m ³ /s ²	N ² 10 ⁶ /s ²
1000.0 1020.0 1040.0 1060.0	992.2 1011.9 1031.7 1051.5	3.781 3.712 3.684 3.618	3.707 3.637 3.608 3.541	34.446 34.453 34.460 34.467	27.375 27.388 27.397 27.409	31.984 32.090 32.190 32.296	27.368 27.381 27.389 27.401	78.3 77.0 76.4 75.2	15.258 15.413 15.566 15.718	90.2 90.2 90.2 90.2	1481.6	9550.4 9853.7 10160.1 10469.4	13.4 1.4 7.0 4.0
1080.0 1100.0 1120.0 1140.0 1160.0	1071.3 1091.0 1110.8 1130.6 1150.3	3.567 3.527 3.465 3.415 3.379	3.488 3.447 3.384 3.333 3.295	34.477 34.483 34.492 34.497 34.499	27.422 27.431 27.443 27.453	32.401 32.502 32.607 32.709	27.414 27.423 27.435 27.445	74.1 73.3 72.1 71.3	15.867 16.014 16.160 16.303	90.2 90.2 90.2 90.2 90.2	1482.0 1482.2 1482.3 1482.4	10781.7 11096.8 11414.9 11735.7 12059.4	5.8 1.1 5.5 7.0
1180.0	1170.1	3.320	3.235	34.506	27.458 27.469	32.807 32.910	27.450 27.461	70.8 69.8	16.445 16.586	90.2	1482.6 1482.7	12385.8	3.5 6.1
1200.0 1220.0 1240.0 1260.0 1300.0 1320.0 1340.0 1360.0 1380.0	1189.9 1209.6 1229.4 1249.1 1268.9 1288.6 1308.4 1328.1 1347.9 1367.6	3.269 3.229 3.200 3.168 3.137 3.112 3.088 3.047 3.012 2.993	3.183 3.142 3.111 3.079 3.046 3.019 2.993 2.995 2.995 2.895	34.510 34.520 34.523 34.526 34.528 34.530 34.534 34.537 34.540	27.477 27.485 27.491 27.502 27.506 27.511 27.518 27.523 27.528	33.011 33.111 33.210 33.308 33.405 33.501 33.597 33.696 33.794 33.890	27.469 27.476 27.483 27.489 27.494 27.502 27.509 27.514 27.519	69.0 68.3 67.8 66.5 66.5 65.6 65.1 64.7	16.725 16.862 16.998 17.133 17.267 17.401 17.533 17.665 17.796	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1482.8 1483.0 1483.2 1483.4 1483.6 1483.8 1484.0 1484.2 1484.4	12714.9 13046.7 13381.2 13718.4 14058.1 14400.5 14745.5 15093.0 15443.1 15795.7	2.0 4.7 2.1 2.1 5.3 5.3 1.8 2.7
1400.0 1420.0 1440.0 1460.0 1480.0 1500.0 1520.0 1540.0 1580.0	1387.4 1406.8 1446.6 1466.3 1486.1 1505.8 1525.5 1525.5	2.951 2.917 2.870 2.835 2.799 2.752 2.722 2.650 2.650	2.852 2.817 2.769 2.732 2.695 2.647 2.616 2.582 2.581	34.544 34.551 34.556 34.559 34.563 34.564 34.568 34.568 34.571 34.573	27.535 27.541 27.548 27.554 27.560 27.567 27.572 27.577 27.583 27.588	33.989 34.087 34.187 34.285 34.383 34.483 34.579 34.677 34.775 34.871	27.526 27.532 27.539 27.545 27.551 27.558 27.563 27.568 27.574 27.578	64.1 63.5 62.2 61.7 61.0 60.6 60.1 59.5	18.055 18.182 18.308 18.557 18.680 18.802 18.922 18.922 19.160	90.2 90.2 90.2 90.3 90.3 90.3 90.3 90.3	1484.8 1485.0 1485.1 1485.3	16150.9 16508.5 16868.7 17231.2 17596.2 17963.6 18333.3 18705.5 19079.9 19456.7	3.6 2.2 3.1 5.4 1.0 3.1 1.0
1600.0 1620.0 1640.0 1660.0 1700.0 1720.0 1740.0 1760.0 1780.0	1584.7 1604.4 1624.1 1643.8 1663.6 1683.3 1703.0 1722.7 1742.4 1762.1	2.589 2.561 2.531 2.511 2.493 2.445 2.414 2.385 2.364 2.331	2.478 2.448 2.417 2.395 2.377 2.327 2.295 2.264 2.242 2.208	34.576 34.578 34.581 34.583 34.588 34.599 34.5991 34.5995 34.595	27.593 27.597 27.602 27.605 27.607 27.615 27.620 27.624 27.627 27.632	34.968 35.064 35.161 35.256 35.349 35.450 35.546 35.642 35.737 35.834	27.583 27.587 27.592 27.595 27.605 27.610 27.614 27.617 27.622	58.6 58.2 57.5 57.4 56.6 56.1 55.4 54.9	19.278 19.395 19.511 19.627 19.742 19.856 19.968 20.080 20.191 20.302	90.3 90.3 90.3 90.3 90.3 90.3 90.3 90.3	1486.6 1486.8 1487.0 1487.5 1487.7 1487.9 1488.1 1488.3	19835.7 20217.0 20600.6 20986.4 21374.5 21764.8 22157.3 22551.9 22948.7 23347.7	3.1 4.9 3 5.2 7.3 2.9 1.5 2.6 7.6
1800.0 1820.0 1840.0 1860.0 1900.0 1920.0 1940.0 1960.0 1980.0	1781.8 1801.5 1821.2 1840.9 1860.6 1880.3 1900.0 1919.7 1939.3 1959.0	2.300 2.276 2.259 2.235 2.219 2.182 2.168 2.144 2.134 2.113	2.175 2.151 2.132 2.107 2.089 2.051 2.035 2.010 1.998 1.977	34.600 34.602 34.604 34.605 34.607 34.611 34.612 34.615 34.615	27.637 27.641 27.643 27.650 27.656 27.658 27.663 27.663 27.666	35.931 36.026 36.119 36.214 36.308 36.406 36.499 36.595 36.686 36.781	27.627 27.631 27.633 27.637 27.639 27.645 27.647 27.652 27.652 27.656	54.4 54.1 53.9 53.5 53.7 52.7 52.1 52.1	20.411 20.519 20.628 20.735 20.842 20.947 21.053 21.157 21.262 21.365	90.3 90.3 90.3 90.3 90.3 90.3 90.4 90.3	1488.7 1489.0 1489.2 1489.5 1489.7 1489.9 1490.4 1490.7 1490.9	23748.8 24152.0 24557.2 24964.6 25374.0 25785.5 26199.0 26614.6 27032.2 27451.7	1.8 7.1 1.3 4.8 -7 -2.2 4.5 3.7
2000.0 2050.0 2098.0	1978.7 2027.9 2075.1	2.097 2.069 2.033	1.959 1.928 1.888	34.619 34.621 34.625	27.670 27.674 27.680	36.875 37.106 37.330	27.659 27.663 27.668	51.5 51.2 50.7	21.469 21.725 21.969	90.3 90.4 90.4	1491.2 1491.9 1492.6	27873.3 28935.9 29967.6	1.1 1.4 .0

Station		Latitude	32. 11.		-	ude 128°			Apr 1991				4450 m
Pres.	Depth	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	kg/m ³	Sigma-t kg/m ³	10 ⁸ m ³ /kg		LTR 0/0	sv m/s	m ³ /s ²	
20.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.821 15.821 15.796 15.728 15.668 15.559 15.588 15.695	15.821 15.824 15.824 15.791 15.722 15.660 15.550 15.577 15.683 15.702	33.517 33.518 33.518 33.525 33.555 33.556 33.556 33.582 33.659 33.703	24.649 24.648 24.661 24.698 24.714 24.753 24.753 24.788 24.818	24.649 24.736 24.733 24.874 24.934 24.987 25.061 25.140 25.214	24.649 24.648 24.660 24.713 24.721 24.750 24.785 24.815	328.2 328.5 328.9 328.0 324.7 323.5 323.0 320.5 317.5 314.9	.000 .329 .657 .986 1.311 1.635 1.959 2.280 2.599 2.916	89.3 89.3 89.3 89.3 89.2 89.3 89.3 89.1	1508.2 1508.3 1508.6 1508.6 1508.6 1508.3 1508.6 1509.2	.0 1.6 6.5 14.7 26.2 40.9 58.8 79.9 104.2 131.6	2.6 2.9 51.5 11.1 11.7 11.7 29.0 23.8 20.6
100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.2	15.656 15.529 15.175 13.184 11.798 12.054 11.092 10.873 10.001 9.442	15.641 15.512 15.157 13.166 11.780 12.035 11.073 10.852 9.981 9.422	33.708 33.716 33.718 33.502 33.391 33.554 33.485 33.495 33.506 33.544	24.835 24.871 24.951 25.200 25.381 25.460 25.583 25.631 25.789 25.912	25.275 25.354 25.479 25.778 26.007 26.130 26.301 26.394 26.601 26.770	24.832 24.867 24.947 25.197 25.378 25.456 25.580 25.627 25.786 25.908	313.6 310.5 303.2 279.2 261.9 254.8 243.1 238.7 223.5 211.9	3.230 3.542 3.850 4.139 4.466 4.914 5.156 5.386 5.606	88.9 88.8 89.6 89.9 90.1 90.2 90.3 90.3	1509.5 1509.3 1508.3 1501.7 1497.0 1498.3 1495.0 1494.4 1491.4	162.2 195.9 232.8 272.5 315.1 360.2 407.9 458.0 510.4 565.1	40.2 32.3 225.5 252.9 217.5 68.2 59.0 106.1 110.3 179.0
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.220 9.058 8.889 8.869 8.561 8.477 8.350 8.185 8.074	9.198 9.035 8.866 8.785 8.661 8.535 8.450 8.322 8.157 8.045	33.589 33.667 33.758 33.772 33.821 33.871 33.909 33.939 33.967 33.988	25.982 26.069 26.167 26.191 26.248 26.307 26.350 26.393 26.440 26.472	26.887 27.020 27.163 27.233 27.336 27.440 27.529 27.618 27.711 27.790	25.979 26.066 26.163 26.187 26.244 26.303 26.346 26.389 26.435 26.468	205.4 197.3 188.1 186.0 180.7 175.3 171.3 163.1 160.1	5.815 6.017 6.209 6.396 6.580 6.759 6.933 7.102 7.267 7.429	90.3 90.3 90.3 90.3 90.3 90.3 90.3 90.3	1489.0 1488.6 1488.3 1488.1 1487.9 1487.7 1487.6 1487.3 1486.8 1486.8	621.8 680.7 741.4 804.1 868.5 934.8 1002.9 1072.6 1143.9 1216.9	64.5 119.9 19.9 65.3 37.5 42.4 29.1 44.7
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	8.008 7.920 7.720 7.556 7.416 7.259 7.138 6.994 6.860 6.747	7.978 7.889 7.689 7.524 7.383 7.226 7.104 6.959 6.925 6.711	33.992 34.003 33.998 34.005 34.009 34.011 34.009 34.022 34.023 34.037	26.486 26.508 26.533 26.562 26.585 26.609 26.624 26.654 26.700	27.848 27.917 27.988 28.064 28.133 28.204 28.266 28.343 28.408 28.481	26.481 26.503 26.528 26.557 26.580 26.604 26.619 26.649 26.668 26.695	159.0 154.7 154.7 152.0 149.8 147.6 146.3 143.4 143.4	7.588 7.746 7.901 8.055 8.206 8.354 8.501 8.646 8.789	90.3 90.3 90.4 90.4 90.4 90.4 90.4	1486.5 1486.4 1485.7 1485.3 1484.9 1484.5 1484.2 1483.8 1483.4	1291.5 1367.7 1445.4 1524.6 1605.3 1687.5 1771.2 1856.3 1942.9 2030.8	35.1 43.0 29.4 26.2 23.2 18.8 13.2 42.8 22.3
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0 490.0	397.8 407.7 417.6 427.5 437.4 447.3 467.2 477.1 487.0	6.651 6.566 6.448 6.350 6.322 6.181 6.127 6.085 6.018 5.914	6.615 6.529 6.410 6.312 6.283 6.142 6.086 6.044 5.977 5.872	34.047 34.062 34.069 34.074 34.094 34.095 34.105 34.118 34.130	26.720 26.743 26.765 26.782 26.801 26.827 26.827 26.840 26.859 26.881	28.548 28.6617 28.685 28.749 28.8814 28.8933 28.992 29.058 29.127	26.715 26.738 26.760 26.777 26.796 26.815 26.822 26.835 26.854 26.876	137.4 135.3 133.3 131.7 130.1 128.2 127.7 126.5 124.8 122.7	9.068 9.204 9.338 9.470 9.601 9.730 9.858 9.985 10.111	90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4	1482.8 1482.8 1482.5 1482.3 1482.3 1481.9 1481.9 1481.9	2120.1 2210.8 2302.8 2396.1 2490.7 2586.6 2683.8 2782.2 2881.9 2982.8	20.2 14.0 18.4 14.6 12.0 19.6 4.6 14.3 12.8
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	497.0 506.9 516.8 526.7 536.5 556.5 566.4 576.3 586.2	5.960 5.815 5.809 5.712 5.703 5.666 5.562 5.380 5.391 5.368	5.917 5.772 5.765 5.667 5.658 5.620 5.515 5.333 5.343	34.154 34.150 34.167 34.170 34.177 34.185 34.181 34.180 34.194 34.208	26.894 26.909 26.924 26.938 26.945 26.956 26.965 26.996 27.010	29.185 29.247 29.307 29.368 29.421 29.478 29.534 29.604 29.659 29.719	26.889 26.904 26.919 26.933 26.940 26.950 26.960 26.981 26.990 27.004	121.7 120.2 119.0 117.7 117.1 116.2 115.3 113.2 112.4 111.2	10.357 10.478 10.598 10.716 10.833 10.950 11.066 11.180 11.293 11.404	90.5 90.4 90.4 90.4 90.4 90.4 90.4 90.4	1482.0 1481.5 1481.7 1481.6 1481.6 1481.4 1480.8 1481.0 1481.1	3085.0 3188.3 3292.8 3398.5 3505.3 3613.3 3722.5 3832.8 3944.2 4056.7	14.0 14.0 12.5 9.3 10.5 9.6 15.7 7.2 17.2
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 616.0 625.9 635.8 645.7 655.6 665.5 675.4 685.3	5.281 5.168 5.106 5.057 4.958 4.936 4.746 4.749 4.747	5.232 5.119 5.056 5.006 4.907 4.884 4.850 4.694 4.696 4.692	34.208 34.206 34.215 34.222 34.224 34.239 34.249 34.246 34.261 34.276	27.020 27.032 27.046 27.058 27.071 27.085 27.097 27.112 27.124 27.136	29.776 29.834 29.896 29.954 30.014 30.074 30.132 30.196 30.253 30.311	27.014 27.026 27.041 27.052 27.065 27.079 27.091 27.107 27.118 27.130	110.2 109.1 107.7 106.7 105.5 104.2 103.2 101.5 100.6 99.5	11.515 11.625 11.733 11.840 11.946 12.051 12.155 12.257 12.358 12.458	90.4 90.4 90.4 90.3 90.3 90.3 90.3	1480.9 1480.6 1480.5 1480.3 1480.4 1480.4 1479.9 1480.1	4170.3 4285.0 4400.7 4517.5 4635.4 4754.3 4874.3 4995.2 5117.2 5240.1	11.9 5.7 20.6 18.9 6.0 18.0 4.5 9.5 19.5
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0	695.2 705.1 715.0 724.9 734.8 744.8 754.7 764.6 774.5	4.660 4.620 4.535 4.532 4.486 4.445 4.412 4.391 4.372 4.329	4.605 4.565 4.479 4.476 4.429 4.387 4.354 4.332 4.312 4.268	34.284 34.290 34.300 34.309 34.316 34.325 34.334 34.348 34.350	27.152 27.161 27.170 27.179 27.191 27.201 27.212 27.222 27.235 27.241	30.374 30.429 30.486 30.540 30.599 30.655 30.712 30.768 30.827 30.880	27.146 27.155 27.164 27.173 27.185 27.195 27.205 27.215 27.229 27.235	98.0 97.2 96.3 95.6 94.5 93.6 92.6 91.7 90.6	12.557 12.655 12.751 12.847 12.942 13.036 13.129 13.222 13.313 13.403	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1480.1 1479.9 1480.1 1480.1 1480.1 1480.1 1480.2 1480.3 1480.3	5364.0 5488.9 5614.7 5741.5 5869.2 5997.9 6127.5 6257.9 6389.3 6521.6	12.1 10.1 15.3 4.5 6.9 12.4 9.5 8.9 9.8
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.3 804.2 814.1 824.0 833.9 843.8 853.7 863.6 873.5 883.3	4.297 4.273 4.245 4.218 4.204 4.172 4.131 4.096 4.065 4.034	4.236 4.211 4.183 4.155 4.140 4.108 4.066 4.031 3.999 3.967	34.357 34.367 34.373 34.376 34.383 34.391 34.394 34.399 34.402 34.408	27.250 27.261 27.269 27.274 27.281 27.291 27.298 27.305 27.311 27.319	30.935 30.992 31.046 31.097 31.150 31.206 31.260 31.313 31.366 31.420	27.244 27.254 27.262 27.267 27.274 27.284 27.291 27.298 27.304 27.312	89.2 88.6 87.6 87.6 85.6 85.0 84.8 83.8	13.493 13.581 13.669 13.757 13.844 13.930 14.015 14.099 14.184 14.267	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1480.3 1480.4 1480.5 1480.5 1480.6 1480.7 1480.7 1480.7 1480.7	6654.7 6788.8 6923.7 7059.4 7196.0 7333.5 7471.8 7610.9 7750.9 7891.7	16.0 2.5 6.6 4.5 11.6 10.7 4.8 7.8 4.8
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.3 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.006 3.980 3.951 3.918 3.906 3.863 3.863 3.840 3.804 3.783	3.938 3.912 3.882 3.849 3.836 3.792 3.757 3.768 3.732 3.710	34.415 34.421 34.426 34.428 34.428 34.440 34.450 34.450 34.456	27.327 27.331 27.338 27.345 27.348 27.359 27.366 27.373 27.381 27.386	31.474 31.525 31.578 31.632 31.681 31.738 31.791 31.843 31.898 31.950	27.320 27.325 27.331 27.338 27.341 27.352 27.358 27.365 27.374 27.379	82.4 82.0 81.4 80.8 80.5 79.5 78.9 78.4 77.6	14.350 14.432 14.514 14.595 14.675 14.755 14.834 14.913 14.991	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1480.8 1480.9 1480.9 1481.0 1481.1 1481.1 1481.1 1481.3 1481.4	8033.3 8175.7 8318.9 8462.9 8607.7 8753.3 8899.6 9046.8 9194.7 9343.3	7.8 13.9 7.2 6.0 9.3 9.8 6.9 56.1 9.9

Pres. Depth Temp. Pot.T. Sal Sigma-0 Sigma-z Sigma-t Delta Dyn.Ht LTR sV	TF N ² 3/s ² 10 ⁶ /s ²
	3. 2 6. 2

	2.8 6.1 3.8 9.3
1040.0 1031.7 3.666 3.589 34.475 27.410 32.204 27.402 75.1 15.449 90.2 1481.8 100	
1060.0 1051.5 3.622 3.545 34.480 27.419 32.305 27.411 74.3 15.599 90.1 1481.9 1040	4.9 3.2
1080.0 1071.3 3.566 3.487 34.486 27.429 32.408 27.421 73.4 15.746 90.2 1482.0 1071 1100.0 1091.1 3.512 3.432 34.490 27.437 32.509 27.430 72.6 15.892 90.2 1482.1 1107	
1120.0 1110.8 3.454 3.373 34.494 27.446 32.611 27.438 71.8 16.037 90.2 1482.2 113	3.2 5.8
1140.0 1130.6 3.408 3.325 34.499 27.455 32.712 27.447 71.0 16.180 90.2 1482.4 1160.0 1150.4 3.361 3.278 34.505 27.464 32.814 27.456 70.2 16.321 90.2 1482.5 1190	1.7 3.8
1160.0 1150.4 3.361 3.278 34.505 27.464 32.814 27.456 70.2 16.321 90.2 1482.5 1198 1180.0 1170.1 3.303 3.219 34.509 27.473 32.916 27.465 69.3 16.461 90.2 1482.6 1230	
1200.0 1189.9 3.263 3.178 34.514 27.480 33.015 27.472 68.7 16.599 90.2 1482.8 1260 1220.0 1209.7 3.232 3.145 34.517 27.486 33.112 27.478 68.2 16.736 90.2 1483.0 1290	
1220.0 1209.7 3.232 3.145 34.517 27.486 33.112 27.478 68.2 16.736 90.2 1483.0 129.1 1240.0 1229.4 3.191 3.103 34.520 27.493 33.211 27.484 67.6 16.872 90.2 1483.1 1329	
1260.0 1249.2 3.159 3.070 34.524 27.499 33.310 27.490 67.1 17,007 90.2 1483.3 1362	
1280.0 1268.9 3.120 3.029 34.528 27.506 33.409 27.498 66.4 17.140 90.2 1483.5 139 1300.0 1288.7 3.083 2.991 34.533 27.513 33.508 27.504 65.8 17.272 90.2 1483.7 1430	6.7 5.3
1300.0 1288.7 3.083 2.991 34.533 27.513 33.508 27.504 65.8 17.272 90.2 1483.7 1430 1320.0 1308.4 3.033 2.940 34.536 27.520 33.608 27.512 65.2 17.403 90.2 1483.8 1464	
1340.0 1328.2 2.995 2.900 34.538 27.525 33.705 27.517 64.7 17.533 90.2 1484.0 1499	4.0 3.3
1360.0 1347.9 2.982 2.886 34.541 27.529 33.801 27.521 64.4 17.662 90.2 1484.3 1534 1380.0 1367.7 2.954 2.857 34.546 27.536 33.899 27.527 63.9 17.791 90.2 1484.5 1569	
1400.0 1387.4 2.908 2.810 34.550 27.543 33.999 27.534 53.2 17.918 90.2 1484.6 1600	
1420.C 1407.1 2.868 2.768 34.553 27.549 34.098 27.541 62.5 18.043 90.2 1484.8 1639	8.9 5.4
1440.0 1426.9 2.840 2.739 34.556 27.554 34.194 27.545 62.2 18.168 90.2 1485.0 1676 1460.0 1446.6 2.803 2.701 34.558 27.559 34.292 27.550 61.7 18.292 90.2 1485.2 1711	6.2 6.9
1480.0 1466.3 2.773 2.670 34.561 27.564 34.388 27.555 61.2 18.414 90.2 1485.4 174	
1500.0 1486.1 2.745 2.640 34.563 27.569 34.485 27.559 60.9 18.536 90.2 1485.6 1784	2.8 4.0
1520.0 1505.8 2.720 2.614 34.566 27.573 34.580 27.564 60.5 18.658 90.2 1485.8 1820 1540.0 1525.5 2.692 2.585 34.567 27.577 34.676 27.567 60.2 18.778 90.2 1486.0 1857	
1560.0 1545.3 2.653 2.544 34.572 27.584 34.775 27.574 59.5 18.898 90.3 1486.2 1895	
1580.0 1565.0 2.627 2.517 34.573 27.587 34.870 27.577 59.2 19.017 90.2 1486.4 1932	4.5 4.0
1600.0 1584.7 2.604 2.492 34.575 27.591 34.966 27.581 58.9 19.135 90.2 1486.7 1970 1620.0 1604.4 2.566 2.453 34.578 27.596 35.063 27.587 58.3 19.252 90.2 1486.8 2007	0.7 4.0
1640.0 1624.2 2.538 2.424 34.580 27.601 35.160 27.591 57.9 19.368 90.2 1487.1 2046	
1660.0 1643.9 2.511 2.396 34.582 27.605 35.255 27.595 57.6 19.484 90.2 1487.3 2084	3.0 .0
1680.0 1663.6 2.485 2.368 34.585 27.609 35.351 27.599 57.2 19.598 90.2 1487.5 2122 1700.0 1683.3 2.460 2.342 34.587 27.613 35.447 27.603 56.8 19.712 90.3 1487.7 2161	
1720.0 1703.0 2.432 2.312 34.589 27.617 35.543 27.607 56.4 19.826 90.3 1487 9 2200	5.4 1.2
1740.0 1722.7 2.399 2.278 34.592 27.623 35.640 27.612 55.9 19.938 90.3 1488.1 2239	7.3 2.4
1760.0 1742.4 2.371 2.249 34.594 27.626 35.735 27.616 55.6 20.049 90.3 1488.4 2279 1780.0 1762.1 2.345 2.221 34.595 27.630 35.830 27.619 55.2 20.160 90.3 1488.6 2318	
1800.0 1781.8 2.327 2.202 34.597 27.633 35.925 27.623 55.0 20.270 90.3 1488.8 2358	-
1820.0 1801.5 2.289 2.163 34.601 27.639 36.023 27.628 54.3 20.379 90.3 1489.0 2398	5.2 .1
1840.0 1821.2 2.269 2.141 34.603 27.642 36.118 27.632 54.0 20.488 90.3 1489.3 2438 1860.0 1840.9 2.237 2.109 34.605 27.646 36.214 27.636 53.6 20.595 90.3 1489.5 2479	
1880.0 1860.6 2.213 2.084 34.608 27.651 36.309 27.640 53.2 20.702 90.3 1489.7 2520	2.7
1900.0 1880.3 2.196 2.065 34.609 27.653 36.403 27.642 53.0 20.809 90.3 1490.0 2560 1920.0 1900.0 2.167 2.035 34.611 27.657 36.499 27.647 52.5 20.914 90.3 1490.2 2601	8.8 4.2
1940.0 1919.7 2.147 2.013 34.613 27.660 36.593 27.650 52.3 21.019 90.3 1490.4 2643	
1960.0 1939.4 2.132 1.997 34.614 27.663 36.687 27.652 52.1 21.123 90.3 1490.7 2684	7.34
2000 0 1000 0 0 000	
2000.0 1978.8 2.096 1.958 34.618 27.669 36.875 27.658 51.5 21.330 90.3 1491.2 2768 2050.0 2028.0 2.045 1.903 34.623 27.677 37.111 27.666 50.7 21.587 90.4 1491.8 2873	
2096.0 2073.2 2.013 1.868 34.627 27.683 37.325 27.672 50.3 21.819 90.3 1492.5 2972	i.i .i

Station		Latitude	32* 24.		•	ide 128°			Apr 1991			Bottom	4385 m N ²
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	10 ⁸ m ³ /kg	•	LTR 0/0	sv m/s	m ³ /s ²	10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.689 15.693 15.689 15.576 15.576 15.549 15.630 15.675 15.748	15.689 15.692 15.688 15.570 15.542 15.540 15.663 15.735	33.440 33.450 33.450 33.450 33.527 33.565 33.610 33.654 33.753	24.619 24.625 24.626 24.626 24.718 24.745 24.789 24.850	24.619 24.669 24.715 24.758 24.862 24.938 25.012 25.073 25.245	24.619 24.624 24.625 24.716 24.746 24.786 24.846	331.1 330.8 330.9 331.3 325.9 323.2 320.6 319.3 317.4 312.0	.000 .331 .662 .993 1.322 1.648 1.969 2.289 2.607 2.922	89.3 89.3 89.3 89.0 89.2 89.3 89.3 89.3	1507.7 1507.8 1508.0 1508.2 1508.0 1508.1 1508.8 1508.8 1509.2	.0 1.6 6.6 14.8 26.4 41.2 59.2 80.4 104.8 132.3	2.3 .6 9.4 40.7 50.6 26.6 11.1 41.3 46.3
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.2	15.681 15.683 15.534 13.754 12.553 12.229 11.113 10.357 9.922 9.547	15.665 15.666 15.516 13.735 12.535 12.209 11.094 10.337 9.902 9.526	33.780 33.792 33.773 33.573 33.408 33.513 33.347 33.339 33.380 33.444	24.885 24.913 25.139 25.251 25.395 25.472 25.598 25.816	25.325 25.441 25.716 25.875 26.065 26.190 26.364 26.674	24.882 24.891 24.909 25.136 25.248 25.392 25.469 25.595 25.595 25.812	308.8 308.3 306.8 285.2 274.5 261.0 253.6 241.6 221.1	3.232 3.540 3.848 4.144 4.422 4.691 4.947 5.194 5.658	89.3 89.3 89.5 89.5 89.1 90.1 90.2 90.2	1509.7 1509.8 1509.5 1503.7 1499.6 1498.8 1494.9 1492.3 1491.0 1489.8	162.9 196.7 233.4 273.2 315.9 361.2 409.1 459.6 512.4	5.3 11.8 114.5 263.0 164.1 210.6 123.4 105.7 87.4 117.2
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.299 9.112 8.996 8.842 8.694 8.560 8.435 8.125 7.917	9.277 9.090 8.972 8.818 8.669 8.534 8.409 8.285 8.096 7.888	33.534 33.615 33.683 33.777 33.833 33.886 33.921 33.955 33.973 33.985	25.927 26.020 26.092 26.189 26.257 26.319 26.366 26.411 26.453 26.493	26.831 26.970 27.087 27.231 27.344 27.452 27.545 27.636 27.725 27.812	25.923 26.016 26.088 26.185 26.253 26.315 26.362 26.407 26.449 26.489	210.6 202.0 195.3 186.2 179.9 174.2 169.8 165.7 161.8 158.0	5.874 6.080 6.279 6.469 6.652 6.829 7.000 7.169 7.332 7.492	90.3 90.3 90.3 90.3 90.3 90.3 90.3	1489.2 1488.7 1488.6 1488.3 1487.9 1487.7 1487.4 1487.2 1486.6 1486.0	624.9 684.3 745.8 809.1 874.3 941.3 1010.0 1080.4 1152.4 1226.0	116.0 78.2 108.4 70.6 63.5 47.1 21.6 60.0 37.4 40.0
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.715 7.573 7.432 7.254 7.129 7.036 6.942 6.827 6.774 6.646	7.686 7.543 7.402 7.222 7.097 7.003 6.908 6.793 6.739 6.610	33.996 34.002 34.008 34.000 34.001 34.016 34.021 34.035 34.045	26.532 26.557 26.581 26.600 26.619 26.636 26.656 26.676 26.674 26.719	27.897 27.968 28.039 28.105 28.170 28.233 28.300 28.365 28.430 28.502	26.528 26.552 26.5577 26.596 26.615 26.631 26.652 26.671 26.690 26.715	154.4 152.2 149.8 148.1 146.4 144.9 143.1 141.3 139.6 137.3	7.648 7.801 7.952 8.101 8.249 8.394 8.538 8.681 8.681 8.960	90.4 90.3 90.4 90.3 90.4 90.4 90.4	1485.4 1485.0 1484.6 1484.1 1483.8 1483.6 1483.4 1483.1 1483.1	1301.2 1377.9 1456.2 1535.9 1617.0 1699.7 1783.7 1869.2 1956.1 2044.3	22.7 18.9 29.7 22.9 14.1 13.8 14.1 25.5 29.6
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0 490.0	397.7 407.7 417.6 427.5 437.4 447.3 467.2 477.1 487.0	6.573 6.453 6.388 6.297 6.182 6.176 6.069 5.916 5.916 5.878	6.537 6.416 6.351 6.259 6.136 6.029 5.875 5.860 5.836	34.062 34.069 34.077 34.078 34.084 34.097 34.100 34.1098 34.115 34.128	26.743 26.764 26.778 26.792 26.811 26.822 26.838 26.838 26.871 26.885	28.571 28.639 28.700 28.760 28.826 28.882 28.945 29.010 29.071 29.131	26.738 26.759 26.773 26.787 26.806 26.817 26.833 26.851 26.866 26.879	135.2 133.2 132.0 130.7 128.9 128.0 126.6 124.8 123.5 122.4	9.096 9.230 9.363 9.494 9.624 9.752 9.879 10.005 10.129 10.252	90.4 90.4 90.4 90.4 90.4 90.4 90.5 90.4 90.4	1482.6 1482.3 1482.3 1482.3 1481.8 1481.9 1481.7 1481.7 1481.3 1481.4	2133.9 2224.8 2317.1 2410.6 2505.5 2601.6 2699.0 2797.6 2897.5 2998.6	12.3 18.4 18.7 7.6 20.7 11.9 12.8 16.9 15.7
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.6 546.5 556.4 576.3 586.2	5.910 5.815 5.728 5.681 5.637 5.543 5.543 5.386	5.867 5.772 5.734 5.683 5.635 5.590 5.497 5.465 5.404 5.338	34.147 34.155 34.161 34.175 34.185 34.196 34.213 34.223 34.230 34.245	26.896 26.914 26.923 26.940 26.954 26.969 26.993 27.004 27.018 27.037	29.187 29.252 29.307 29.370 29.430 29.491 29.562 29.619 29.679 29.745	26.890 26.909 26.917 26.935 26.948 26.963 26.987 26.999 27.012 27.031	121.5 119.8 119.0 117.5 116.3 115.0 112.6 111.7 110.5 108.7	10.374 10.495 10.614 10.733 10.849 10.965 11.079 11.191 11.302 11.411	90.4 90.5 90.5 90.4 90.4 90.4 90.4	1481.7 1481.5 1481.6 1481.5 1481.5 1481.3 1481.3 1481.3	3100.9 3204.4 3309.1 3414.9 3521.9 3630.1 3739.4 3849.7 3961.2 4073.8	.8 6.9 13.4 17.2 24.2 14.6 19.8 15.4 21.3
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.7 655.6 665.5 675.4 685.3	5.387 5.365 5.312 5.272 5.265 5.183 5.187 5.134 5.076 5.020	5.337 5.314 5.261 5.220 5.212 5.129 5.133 5.079 5.021 4.964	34.264 34.277 34.280 34.288 34.300 34.302 34.311 34.308 34.317 34.319	27.052 27.065 27.074 27.085 27.096 27.107 27.114 27.118 27.131 27.139	29.806 29.865 29.920 29.977 30.034 30.092 30.144 30.194 30.254 30.309	27.047 27.059 27.068 27.079 27.090 27.101 27.107 27.111 27.125 27.133	107.4 106.3 105.5 104.5 103.6 102.5 102.0 101.7 100.5 99.7	11.519 11.626 11.732 11.837 11.941 12.044 12.146 12.248 12.349 12.449	90.4 90.4 90.3 90.3 90.3 90.3 90.3	1481.4 1481.5 1481.5 1481.6 1481.6 1481.6 1481.6 1481.5	4187.5 4302.2 4417.9 4534.7 4652.6 4771.4 4891.2 5012.1 5134.0 5256.8	15.7 10.2 6.4 17.5 10.5 10.2 2.9 10.5 6.1 6.4
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.950 4.885 4.827 4.775 4.730 4.687 4.647 4.582 4.533 4.514	4.893 4.828 4.770 4.717 4.672 4.627 4.587 4.522 4.472 4.452	34.322 34.327 34.333 34.340 34.341 34.353 34.358 34.366 34.369	27.150 27.162 27.173 27.184 27.190 27.200 27.209 27.220 27.232 27.236	30.367 30.425 30.482 30.540 30.593 30.649 30.704 30.763 30.821 30.871	27.144 27.155 27.166 27.177 27.184 27.194 27.202 27.214 27.225 27.229	98.7 97.6 96.6 95.6 95.0 94.1 92.2 91.2 90.8	12.548 12.647 12.744 12.840 12.935 13.029 13.123 13.216 13.308 13.399	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1481.3 1481.2 1481.2 1481.1 1481.1 1481.1 1481.1 1481.0 1481.0	5380.6 5505.4 5631.2 5757.9 5885.5 6014.1 6143.6 6274.0 6405.4 6537.6	21.9 20.7 5.5 11.3 3.7 2.5 21.3 9.6 5.2 2.8
800.0 810.0 820.0 830.0 840.0 850.0 860.0 860.0 890.0	794.3 804.2 814.0 824.0 833.8 843.8 853.6 863.5 873.4 883.3	4.471 4.436 4.419 4.386 4.365 4.339 4.289 4.266 4.207	4.409 4.374 4.356 4.322 4.300 4.273 4.270 4.222 4.198 4.140	34.376 34.382 34.384 34.399 34.403 34.404 34.409 34.411 34.421	27.247 27.255 27.259 27.270 27.277 27.282 27.283 27.293 27.293 27.297 27.311	30.928 30.983 31.033 31.090 31.142 31.195 31.241 31.297 31.347 31.408	27.240 27.248 27.252 27.263 27.270 27.275 27.276 27.286 27.290 27.304	89.9 89.1 88.8 87.8 86.8 86.8 85.6 85.6	13.489 13.578 13.667 13.756 13.843 13.930 14.017 14.103 14.189 14.274	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1481.1 1481.2 1481.2 1481.3 1481.4 1481.5 1481.5	6670.7 6804.7 6939.6 7075.3 7211.9 7349.4 7487.7 7626.8 7966.8	3.7 1.9 11.6 6.3 -1.0 -1.3 1.1 11.0 9.0
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.174 4.153 4.100 4.080 4.076 4.038 4.000 3.946 3.913 3.874	4.106 4.083 4.030 4.010 4.005 3.966 3.927 3.873 3.840 3.800	34.429 34.436 34.438 34.439 34.442 34.446 34.451 34.453	27.318 27.323 27.334 27.338 27.340 27.346 27.353 27.362 27.368 27.373	31.462 31.513 31.571 31.621 31.668 31.721 31.774 31.830 31.882 31.934	27.311 27.316 27.327 27.331 27.332 27.339 27.346 27.355 27.361 27.366	83.6 83.2 82.1 81.8 81.7 81.7 81.5 79.6 79.1	14.358 14.441 14.524 14.606 14.687 14.769 14.850 14.850 15.009	90.2 90.1 90.2 90.1 90.2 90.2 90.2 90.2 90.2	1481.6 1481.6 1481.7 1481.8 1481.8 1481.8 1481.8 1481.8	8049.4 8191.8 8335.1 8479.3 8624.2 8769.9 8916.4 9063.7 9211.8 9360.6	3.4 3.7 8.4 1.7 2.9 1.4 14.0 8.1 5.2

Station	19	Latitude	32 24.	32'N	Longitu	de 128°	25.64'W	28	Apr 1991	GMT 1	0:35	Bottom	4385 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht	LTR	sv	m ³ /s ²	N ² 10 ⁶ /s ²
1000.0 1020.0 1040.0 1060.0 1080.0 1100.0 1120.0	992.2 1011.9 1031.7 1051.5 1071.3 1091.0 1110.8 1130.6	3.830 3.791 3.729 3.683 3.663 3.613 3.569 3.537	3.756 3.715 3.653 3.605 3.556 3.533 3.486 3.453	34.456 34.465 34.473 34.475 34.481 34.485 34.488	27.378 27.388 27.396 27.407 27.414 27.421 27.428 27.434	31.986 32.088 32.189 32.292 32.391 32.490 32.590 32.687	27.371 27.380 27.389 27.399 27.406 27.413 27.420 27.426	78.1 77.3 76.5 75.6 75.0 74.4 73.8 73.4	J/kg 15.166 15.322 15.475 15.627 15.778 15.927 16.076	90.2 90.2 90.2 90.2 90.2 90.2 90.2	m/s 1481.8 1482.0 1482.0 1482.2 1482.3 1482.6 1482.7 1482.9	9510.2 9811.8 10116.3 10423.9 10734.4 11047.8 11364.1 11683.4	1.1 5.2 8.2 1.4 3.2 7.3 2.3
1160.0 1180.0	1150.3 1170.1	3.476 3.434	3.391 3.348	34.495 34.498	27.445 27.451	32.791 32.890	27.437 27.443	72.3 71.7	16.368 16.512	90.2 90.2	1483.0 1483.1	12005.5 12330.4	2.6 1.8
1200.0 1220.0 1240.0 1260.0 1380.0 1320.0 1340.0 1360.0 1380.0	1189.9 1209.6 1229.4 1249.2 1268.9 1288.7 1308.4 1328.2 1347.9 1367.6	3.381 3.316 3.262 3.208 3.164 3.120 3.074 3.029 2.999 2.978	3.294 3.228 3.173 3.118 3.073 3.027 2.980 2.934 2.903 2.881	34.504 34.519 34.519 34.524 34.528 34.532 34.538 34.538	27.462 27.472 27.481 27.491 27.498 27.506 27.513 27.520 27.525 27.529	32.993 33.096 33.198 33.300 33.400 33.500 33.600 33.699 33.796 33.891	27.453 27.463 27.473 27.482 27.490 27.497 27.505 27.511 27.516 27.520	70.8 69.8 68.9 67.6 65.3 65.3 64.6	16.654 16.795 16.934 17.070 17.205 17.339 17.472 17.603 17.733 17.863	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1483.3 1483.3 1483.5 1483.7 1483.8 1484.0 1484.1 1484.3 1484.3	12658.1 12988.6 13321.8 13657.7 13996.2 14337.4 14681.1 15027.5 15376.3 15727.7	8.5 8.8 1.8 6.2 3.0 8.8 -1.4
1400.0 1420.0 1440.0 1460.0 1500.0 1520.0 1540.0 1540.0 1580.0	1387.4 1407.1 1426.9 1446.6 1466.3 1486.1 1505.8 1525.5 1545.2 1565.0	2.937 2.905 2.869 2.840 2.875 2.775 2.737 2.701 2.684 2.648	2.838 2.805 2.767 2.737 2.696 2.669 2.594 2.575 2.538	34.545 34.551 34.553 34.558 34.560 34.566 34.566 34.568 34.568	27.537 27.542 27.548 27.552 27.559 27.563 27.569 27.575 27.578 27.584	33.992 34.089 34.187 34.283 34.383 34.478 34.576 34.674 34.674 34.867	27.528 27.533 27.539 27.543 27.550 27.554 27.566 27.566 27.569 27.575	63.9 63.4 62.5 61.8 61.5 60.9 60.4 60.1	17.991 18.118 18.245 18.370 18.494 18.618 18.740 18.861 18.981 19.101	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1484.7 1484.9 1485.1 1485.5 1485.7 1485.9 1486.1 1486.3	16081.7 16438.1 16796.9 17158.2 17522.0 17888.1 18256.7 18627.6 19000.8 19376.4	2.4 1.0 1.9 1.9 7.8 1.1 4.9 3.4
1600.0 1620.0 1640.0 1660.0 1680.0 1700.0 1720.0 1740.0 1760.0	1584.7 1604.4 1624.1 1643.8 1663.6 1683.3 1703.0 1722.7 1742.4 1762.1	2.603 2.573 2.547 2.522 2.496 2.467 2.444 2.388 2.353	2.491 2.460 2.432 2.407 2.379 2.349 2.325 2.292 2.266 2.230	34.575 34.578 34.580 34.582 34.584 34.586 34.588 34.591 34.593	27.591 27.596 27.600 27.604 27.608 27.612 27.615 27.621 27.621 27.624 27.630	34.966 35.063 35.159 35.254 35.349 35.445 35.540 35.637 35.732 35.830	27.581 27.586 27.590 27.594 27.597 27.602 27.605 27.610 27.614 27.619	58.9 58.4 58.0 57.7 57.4 57.0 56.6 56.1 55.8	19.219 19.337 19.453 19.569 19.684 19.799 19.912 20.025 20.137 20.248	90.2 90.3 90.3 90.3 90.3 90.3 90.3	1486.7 1486.9 1487.1 1487.3 1487.5 1487.8 1488.0 1488.2 1488.4 1488.6	19754.3 20134.4 20516.9 20901.6 21288.5 21677.7 22069.0 22462.6 22858.3 23256.2	5.8 5.2 2.9 2.6 3.5 2.6 4.7 3.3
1800.0 1820.0 1840.0 1860.0 1880.0 1900.0 1920.0 1940.0 1960.0	1781.8 1801.5 1821.2 1840.9 1860.6 1880.3 1900.0 1919.7 1939.4 1959.1	2.326 2.302 2.282 2.265 2.236 2.213 2.194 2.173 2.144 2.120	2.201 2.176 2.155 2.136 2.106 2.082 2.061 2.039 2.009 1.984	34.598 34.600 34.602 34.603 34.607 34.608 34.610 34.611 34.614 34.616	27.633 27.638 27.641 27.643 27.651 27.655 27.655 27.657 27.662 27.665	35.925 36.021 36.115 36.209 36.306 36.400 36.495 36.589 36.685 36.779	27.623 27.627 27.630 27.632 27.638 27.644 27.644 27.647 27.651	54.9 54.5 54.2 54.1 53.5 52.9 52.7 52.2 51.9	20.358 20.468 20.576 20.685 20.792 20.899 21.005 21.111 21.216 21.320	90.3 90.3 90.3 90.3 90.3 90.3 90.3 90.3	1488.8 1489.1 1489.3 1489.6 1489.8 1490.0 1490.3 1490.7 1490.7	23656.3 24058.4 24462.7 24869.1 25277.5 25688.1 26100.7 26515.3 26932.0 27350.7	4.2 1.3 3.0 2.5 3.1 2.8 1.9 1.7
2000.0 2050.0 2096.0	1978.7 2027.9 2073.2	2.104 2.056 2.028	1.966 1.914 1.883	34.618 34.622 34.626	27.668 27.676 27.681	36.874 37.109 37.322	27.657 27.665 27.670	51.6 50.9 50.5	21.424 21.680 21.914	90.3 90.3 90.3	1491.2 1491.9 1492.5	27771.3 28831.8 29818.2	2.8 1.1 .0

Station			32° 38.	08'N	Longit	ude 128°	18,42'W	28	Apr 1991	GMT 1	3:34	Bottom	
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
20.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.078 15.080 15.080 14.764 14.335 14.222 14.183 14.268 14.226	15.078 15.078 15.078 15.026 14.758 14.328 14.214 14.173 14.256 14.213	33.161 33.160 33.223 33.253 33.181 33.173 33.177 33.217	24.538 24.537 24.597 24.678 24.714 24.732 24.743 24.757 24.774	24.538 24.581 24.625 24.730 24.855 24.935 24.998 25.053 25.111 25.172	24.538 24.537 24.537 24.596 24.677 24.712 24.730 24.741 24.754 24.771	338.7 339.2 339.4 334.0 326.6 323.4 322.0 321.2 320.2 318.9	.000 .339 .678 1.016 1.344 1.668 1.991 2.313 2.634 2.953	89.1 89.1 89.1 89.2 89.3 89.3 89.3	1505.4 1505.6 1505.7 1505.8 1505.1 1503.8 1503.6 1503.7 1504.1 1504.2	.0 1.7 6.8 15.2 27.0 42.0 60.2 81.6 106.3 134.1	-4.3 13.0 180.2 31.7 6.8 13.8 17.3 5.3
100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.1	14.202 13.741 12.988 11.202 10.655 10.002 9.755 9.741 9.481 9.350	14.188 13.726 12.972 11.187 10.639 9.985 9.738 9.722 9.461 9.329	33.263 33.259 33.281 33.016 33.062 33.160 33.247 33.327 33.436 33.507	24.807 24.899 25.067 25.198 25.330 25.518 25.628 25.692 25.820 25.897	25.249 25.387 25.602 25.781 25.960 26.195 26.350 26.460 26.634 26.756	24.804 24.896 25.064 25.195 25.515 25.625 25.625 25.689 25.817 25.894	316.0 307.4 291.5 278.9 266.4 248.6 238.4 232.4 232.4 213.3	3.271 3.584 3.885 4.170 4.443 4.702 4.946 5.180 5.623	88.9 89.5 89.5 89.0 90.2 90.2 90.3	1504.3 1503.0 1500.6 1494.3 1492.6 1490.5 1489.8 1490.1 1489.4 1489.2	165.1 199.2 236.4 276.5 319.3 364.9 412.9 463.2 515.9 570.7	55.4 114.2 206.9 76.2 173.9 102.1 116.7 93.4 73.3
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.207 9.074 8.931 8.869 8.688 8.535 8.365 8.365 8.137 7.988	9.185 9.052 8.907 8.844 8.663 8.509 8.338 8.243 8.108 7.959	33.608 33.673 33.732 33.800 33.878 33.934 33.934 33.951 33.968 33.984	25.999 26.071 26.140 26.204 26.293 26.386 26.414 26.448 26.482	26.904 27.021 27.137 27.245 27.380 27.566 27.639 27.719 27.800	25.996 26.067 26.137 26.200 26.289 26.326 26.382 26.410 26.444 26.478	203.8 197.1 190.6 184.8 176.5 173.1 167.9 165.4 162.3 159.1	5.832 6.032 6.226 6.414 6.594 6.769 6.939 7.105 7.269 7.430	90.3 90.3 90.3 90.3 90.3 90.3 90.5 90.4	1488.9 1488.7 1488.4 1488.0 1487.6 1487.2 1487.0 1486.7 1486.3	627.6 686.6 747.5 810.4 875.0 941.4 1009.5 1079.2 1150.6 1223.6	118.1 53.6 54.2 93.4 75.8 55.6 21.3 43.3 49.1 19.5
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.2 338.1 358.0 368.0 377.9 387.8	7.897 7.793 7.649 7.504 7.375 7.217 7.145 7.055 6.819 6.692	7.868 7.763 7.618 7.472 7.342 7.183 7.111 7.020 6.784 6.656	33.993 34.006 34.017 34.016 34.033 34.030 34.039 34.046 34.046	26.503 26.528 26.558 26.578 26.602 26.629 26.647 26.664 26.692 26.714	27.867 27.937 28.014 28.081 28.151 28.225 28.288 28.352 28.427 28.496	26.499 26.523 26.553 26.573 26.597 26.625 26.642 26.660 26.687 26.709	157.2 155.0 152.3 150.4 148.2 145.6 144.1 142.5 139.9	7.588 7.745 7.898 8.050 8.199 8.345 8.490 8.634 8.634 8.914	90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4	1486.1 1485.9 1485.5 1485.1 1484.8 1484.3 1484.2 1484.0 1483.3 1482.9	1298.2 1374.4 1452.0 1531.2 1611.9 1694.0 1777.6 1862.6 1949.0 2036.8	1.9 33.0 45.0 20.9 32.9 23.5 10.6 31.7 19.9
400.0 410.0 420.0 430.0 440.0 450.0 470.0 480.0 490.0	397.7 407.7 417.6 427.5 437.4 447.4 457.3 467.2 477.1 487.0	6.686 6.610 6.494 6.423 6.202 6.251 6.291 6.147 5.996 5.888	6.650 6.573 6.456 6.385 6.164 6.211 6.251 6.106 5.954 5.846	34.063 34.069 34.074 34.062 34.062 34.091 34.116 34.113 34.116 34.117	26.728 26.743 26.763 26.775 26.791 26.808 26.823 26.839 26.860 26.875	28.556 28.617 28.683 28.741 28.806 28.867 28.927 28.920 29.059 29.121	26.723 26.738 26.758 26.770 26.786 26.803 26.817 26.833 26.855 26.869	136.7 135.3 133.5 132.5 130.8 129.4 128.2 126.7 124.7 123.3	9.051 9.187 9.322 9.455 9.587 9.717 9.845 9.973 10.099	90.4 90.4 90.5 90.5 90.4 90.4 90.5 90.5	1483.1 1483.0 1482.7 1482.6 1481.8 1482.2 1482.2 1482.2 1481.7 1481.5	2125.9 2216.4 2308.3 2401.4 2495.9 2591.7 2688.7 2787.0 2886.6 2987.4	14.1 8.8 17.8 19.6 7 17.8 16.4 27.8 36.5
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.6 546.5 556.4 576.3 586.2	5.643 5.692 5.466 5.460 5.392 5.341 5.270 5.222 5.222 5.098	5.601 5.648 5.423 5.417 5.347 5.296 5.225 5.175 5.120 5.050	34.093 34.116 34.114 34.125 34.137 34.137 34.140 34.153 34.166 34.174	26.885 26.924 26.923 26.945 26.957 26.968 27.000 27.015	29.180 29.237 29.312 29.367 29.426 29.483 29.541 29.603 29.666 29.728	26.880 26.893 26.919 26.928 26.940 26.951 26.962 26.978 26.994 27.009	122.1 121.1 118.6 117.8 116.7 115.7 114.6 113.2 111.7	10.346 10.468 10.587 10.705 10.823 10.939 11.054 11.167 11.280 11.391	90.5 90.4 90.5 90.5 90.5 90.4 90.4 90.4	1480.6 1481.0 1480.2 1480.3 1480.2 1480.1 1480.1 1480.1	3089.4 3192.6 3297.0 3402.6 3509.3 3617.2 3726.2 3836.4 3947.6 4040.0	5.1 38.8 7.7 23.6 17.1 13.9 11.5 12.1 126.8
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.7 645.7 655.6 665.5 675.4 685.3	5.090 5.163 5.128 5.099 4.985 4.929 4.923 4.872 4.821 4.782	5.042 5.114 5.078 5.048 4.934 4.877 4.870 4.818 4.767 4.727	34.199 34.235 34.239 34.252 34.250 34.253 34.273 34.282 34.289 34.297	27.036 27.056 27.063 27.077 27.088 27.097 27.114 27.127 27.138 27.149	29.794 29.858 29.912 29.972 30.030 30.086 30.149 30.208 30.265 30.323	27.030 27.050 27.057 27.071 27.082 27.091 27.108 27.121 27.132 27.143	108.5 106.9 106.2 105.0 103.9 103.1 101.6 100.4 99.4 98.4	11.500 11.608 11.714 11.820 11.924 12.028 12.130 12.231 12.331 12.430	90.4 90.4 90.4 90.3 90.3 90.3 90.3	1480.1 1480.6 1480.7 1480.7 1480.4 1480.3 1480.5 1480.5 1480.5	4173.5 4288.0 4403.6 4520.2 46527.8 4756.5 4876.2 4996.9 5118.6 5241.2	19.5 21.2 7.2 4.8 15.1 8.6 23.6 13.0 4.8 12.2
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.720 4.659 4.5590 4.544 4.506 4.462 4.447 4.407 4.370 4.340	4.664 4.603 4.534 4.487 4.449 4.404 4.389 4.348 4.310 4.280	34.310 34.324 34.323 34.345 34.347 34.351 34.351 34.350 34.360	27.166 27.180 27.192 27.204 27.218 27.224 27.229 27.233 27.237 27.248	30.387 30.447 30.506 30.564 30.625 30.677 30.728 30.779 30.829	27.160 27.174 27.185 27.197 27.212 27.218 27.222 27.227 27.231 27.241	96.8 95.5 94.4 93.3 92.5 91.5 90.7 90.4 89.4	12.527 12.624 12.719 12.813 12.905 12.997 13.089 13.179 13.270 13.360	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1480.4 1480.3 1480.2 1480.2 1480.2 1480.3 1480.3 1480.3	5364.9 5489.4 5614.9 5741.4 5868.8 5997.0 6126.2 6256.2 6387.2 6519.0	11.9 18.3 10.7 23.3 8.9 3.1 8.6 3.4 2.5
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.306 4.250 4.206 4.186 4.149 4.151 4.108 4.084 4.050 4.015	4.245 4.188 4.144 4.123 4.086 4.087 4.043 4.019 3.984 3.948	34.366 34.372 34.382 34.383 34.393 34.391 34.397 34.401 34.408	27.256 27.267 27.277 27.281 27.287 27.294 27.297 27.304 27.312 27.321	30.941 30.999 31.055 31.106 31.157 31.210 31.260 31.313 31.367 31.423	27.250 27.261 27.271 27.275 27.280 27.287 27.291 27.298 27.305 27.314	88.7 87.6 86.7 86.4 85.3 85.0 84.4 83.7 82.9	13.449 13.537 13.624 13.711 13.797 13.882 13.968 14.052 14.136 14.220	90.2 90.2 90.2 90.1 90.2 90.2 90.2 90.2	1480.4 1480.3 1480.3 1480.4 1480.4 1480.6 1480.6 1480.7 1480.7	6651.8 6785.3 6919.8 7055.1 7191.2 7328.2 7466.1 7604.7 7744.2 7884.5	12.7 4.5 10.4 3.1 9.5 14.8 4.3 13.9 7.2 11.6
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	3.970 3.937 3.916 3.902 3.892 3.852 3.852 3.812 3.775 3.743	3.903 3.869 3.848 3.833 3.822 3.781 3.765 3.740 3.702 3.671	34.411 34.422 34.424 34.427 34.427 34.430 34.433 34.433 34.443	27.327 27.336 27.342 27.349 27.355 27.359 27.365 27.373 27.381	31.476 31.531 31.583 31.632 31.681 31.735 31.784 31.836 31.892 31.945	27.321 27.329 27.335 27.338 27.342 27.348 27.352 27.358 27.356 27.374	79.5 79.0 78.2	14.302 14.384 14.465 14.546 14.627 14.707 14.787 14.866 14.945 15.023	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1480.7 1480.8 1480.9 1481.0 1481.1 1481.1 1481.2 1481.2	8025.6 8167.6 8310.3 8453.8 8598.1 8743.2 8889.1 9035.8 9183.2 9331.4	3.7 4.0 1.9 1.9 4.0 8.7 1.6 8.1 9.6 5.2

Station	20	Latitude	32° 38.	08'N	Longitu	de 128°	18.42'W	28	Apr 1991	GMT 1	3:34	Bottom	4410 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t		Dyn. Ht	LTR	sv	TF m ³ /s ²	N ²
db	m	•c	.c	0/00	kg/m ³	kg/m ³	kg/m ³	$10^8 m^3/kg$	J/kg	0/0	m/s	m ³ /s ²	10 ⁶ /s ²
1000.0 1020.0	992.1 1011.9	3.727	3.653	34.454	27.388	31.998	27.380	77.0	15.100	90.2	1481.4	9480.4	11.6
1040.0	1031.7	3.690 3.635	3.615 3.559	34.460 34.467	27.395 27.407	32.098 32.202	27.388 27.400	76.3 75.3	15.253 15.405	90.2 90.2	1481.5 1481.6	9780.6 10083.7	4.3
1060.0	1051.5	3.593	3.516	34.474	27.417	32.304	27.409	74.4	15.554	90.2	1481.8	10389.8	2.3 3.7
1080.0	1071.2	3.559	3.480	34.479	27.424	32.404	27.417	73.8	15.703	90.2	1482.0	10698.9	7.3
1100.0 1120.0	1091.0 1110.8	3.519 3.467	3.439	34.488	27.435	32.507	27.427	72.8	15.849	90.2	1482.2	11010.8	7.3
1140.0	1130.6	3.418	3.386 3.335	34.495 34.499	27.446 27.454	32.610 32.710	27.438 27.446	71.9 71.2	15.994 16.137	90.2 90.2	1482.3 1482.4	11325.5 11643.1	4.1 6.7
1160.0	1150.3	3.394	3.310	34.501	27.458	32.806	27.450	70.9	16.279	90.2	1482.7	11963.5	5.3
1180.0	1170.1	3.346	3.260	34.505	27.466	32.907	27.458	70.1	16.420	90.2	1482.8	12286.6	5.0
1200.0	1189.8	3.293	3.207	34.510	27.475	33.009	27.467	69.3	16.560	90.2	1482.9	12612.5	3.8
1220.0 1240.0	1209.6 1229.4	3.255 3.219	3.168 3.130	34.515 34.518	27.482 27.489	33.108 33.207	27.474 27.480	68.6	16.697	90.2	1483.1	12941.0	2.6
1260.0	1249.1	3.181	3.091	34.522	27.495	33.305	27.487	68.1 67.5	16.834 16.970	90.2 90.2	1483.3 1483.4	13272.3 13606.2	2.1 5.0
1280.0	1268.9	3.138	3.047	34.526	27.502	33.405	27.494	66.9	17.104	90.2	1483.6	13942.7	.6
1300.0 1320.0	1288.6 1308.4	3.106 3.067	3.013	34.527 34.531	27.507	33.501	27.498	66.5	17.237	90.2	1483.8	14281.9	1.2
1340.0	1328.1	3.021	2.974 2.926	34.535	27.513 27.521	33.600 33.700	27.505 27.512	65.9 65.2	17.370 17.501	90.2 90.2	1483.9 1484.1	14623.6 14967.9	3.9 -1.7
1360.0	1347.9	2.992	2.896	34.537	27.525	33.797	27.517	64.8	17.631	90.2	1484.3	15314.7	1.5
1380.0	1367.6	2.958	2.860	34.540	27.531	33.894	27.522	64.3	17.760	90.2	1484.5	15664.1	3.3
1400.0 1420.0	1387.3 1407.1	2.925 2.902	2.826 2.802	34.544 34.546	27.537	33.992	27.528	63.B	17.889	90.2	1484.7	16016.0	9.8
1440.0	1426.8	2.872	2.771	34.548	27.540 27.545	34.087 34.183	27.531 27.535	63.5 63.2	18.016 18.142	90.2 90.2	1484.9 1485.1	16370.4 16727.2	5 1.6
1460.0	1446.6	2.848	2.745	34.551	27.550	34.280	27.540	62.7	18.268	90.2	1485.4	17086.5	1.0
1480.0	1466.3	2.809	2.705	34.554	27.555	34.378	27.546	62.2	18.393	90.2	1485.5	17448.2	1.9
1500.0 1520.0	1486.0 1505.8	2.781 2.743	2.676 2.636	34.557 34.561	27.561 27.567	34.475	27.551 27.558	61.7	18.517	90.2	1485.7	17812.4	4.3
1540.0	1525.5	2.726	2.618	34.561	27.569	34.574 34.667	27.559	61.1 61.0	18.640 18.762	90.2	1485.9 1486.2	18178.9 18547.9	4.3
1560.0	1545.2	2.691	2.581	34.564	27.574	34.764	27.565	60.5	18.884	90.2	1486.4	18919.2	1
1580.0	1564.9	2.661	2.550	34.569	27.581	34.863	27.571	59.9	19.004	90.2	1486.6	19292.8	4.0
1600.0 1620.0	1584.7 1604.4	2.633 2.597	2.521 2.484	34.571 34.574	27.585 27.590	34.959	27.576	59.5	19.124 19.242	90.3	1486.8	19668.8	2.3
1640.0	1624.1	2.586	2.471	34.575	27.590	35.056 35.149	27.581 27.583	59.0 58.9	19.242	90.2 90.2	1487.0 1487.3	20047.1 20427.7	2.9 4.1
1660.0	1643.8	2.542	2.426	34.580	27.601	35.250	27.591	58.1	19.477	90.2	1487.4	20810.6	3.8
1680.0 1700.0	1663.5 1683.2	2.527	2.410	34.582	27.603	35.344	27.593	57.9	19.593	90.2	1487.7	21195.7	1.2
1720.0	1702.9	2.495 2.467	2.376 2.347	34.584 34.588	27.608 27.613	35.440 35.537	27.598 27.603	57.4 57.0	19.708 19.822	90.2 90.3	1487.9 1488.1	21583.0 21972.6	2.9 .9
1740.0	1722.7	2.443	2.322	34.589	27.616	35.632	27.606	56.7	19.936	90.3	1488.3	22364.4	2.7
1760.0 1780.0	1742.4	2.416	2.293	34.591	27.620	35.727	27.610	56.3	20.049	90.3	1488.5	22758.4	1.8
-	1762.1	2.373	2.250	34.595	27.627	35.826	27.617	55.6	20.161	90.3	1488.7	23154.6	4.4
1800.0 1820.0	1781.8 1801.5	2.345 2.318	2.220 2.192	34.596 34.599	27.631 27.635	35.922 36.018	27.620 27.625	55.3 54.8	20.272 20.382	90.2 90.3	1488.9 1489.1	23552.9 23953.3	3.6 5.0
1840.0	1821.2	2.287	2.160	34.602	27.640	36.115	27.630	54.3	20.491	90.3	1489.3	24355.9	3.0
1860.0	1840.9	2.256	2.127	34.604	27.645	36.211	27.634	53.8	20.599	90.3	1489.5	24760.6	4.5
1880.0 1900.0	1860.6 1880.3	2.244 2.220	2.114 2.088	34.606 34.608	27.647	36.304	27.636	53.7	20.707	90.3	1489.8	25167.4	2.5
1920.0	1899.9	2.197	2.065	34.610	27.650 27.654	36.399 36.494	27.640 27.643	53.3 53.0	20.814 20.920	90.3 90.3	1490.1 1490.3	25576.2 25987.1	3.3 -1.6
1940.0	1919.6	2.174	2.039	34.611	27.657	36.588	27.646	52.7	21.026	90.3	1490.5	26400.1	3.4
1960.0	1939.3	2.145	2.010	34.614	27.662	36.685	27.651	52.3	21.131	90.3	1490.7	26815.0	2.5
1980.0	1959.0	2.121	1.984	34.617	27.666	36.780	27.655	51.9	21.235	90.3	1491.0	27232.1	3.1
2000.0 2050.0	1978.7 2027.9	2.104 2.055	1.965 1.913	34.618 34.622	27.668 27.676	36.873 37.109	27.657 27.665	51.7	21.339	90.3	1491.2	27651.1	1.9
2096.0	2073.1	2.017	1.872	34.625	27.681	37.323	27.670	50.9 50.4	21.595 21.828	90.3 90.3	1491.9 1492.5	28707.3 29689.9	1.4
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Station		Latitude	32° 51.			ude 128°			Apr 1991			Bottom	
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	kg/m ³	10 ⁸ m ³ /kg		LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 20.0 30.0 40.0 50.0 70.0 80.0 90.0	.0 10.0 19.9 29.8 49.8 59.8 69.7 79.7	14.812 14.815 14.802 13.995 13.840 13.946 13.858 13.884 14.032	14.812 14.814 14.797 13.989 13.833 13.937 13.849 13.873 14.019	33.109 33.107 33.108 33.014 33.020 33.083 33.080 33.108 33.161	24.556 24.555 24.555 24.559 24.656 24.692 24.720 24.736 24.752 24.763	24.556 24.598 24.691 24.833 24.914 24.986 25.046 25.107 25.162	24.556 24.558 24.558 24.654 24.691 24.718 24.733 24.750 24.760	337.1 337.5 337.7 337.7 328.7 325.5 323.1 321.9 320.6 319.9	.000 .337 .675 1.013 1.347 1.675 1.999 2.322 2.643 2.963	89.0 89.0 89.0 89.0 89.1 89.3 89.4 89.5	1504.5 1504.6 1504.8 1504.9 1502.4 1502.6 1502.5 1502.8 1503.5	.0 1.7 6.7 15.1 26.9 42.0 60.3 81.8 106.5	.0 .1 1.8 20.0 49.4 51.8 25.7 .5 .6
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.1	14.229 14.231 13.252 11.648 10.778 9.920 9.550 9.437 9.318 9.266	14.214 14.216 13.235 11.632 10.762 9.903 9.533 9.419 9.299 9.245	33.253 33.349 33.273 33.113 33.127 33.146 33.238 33.278 33.390 33.577	24.793 24.867 25.009 25.192 25.360 25.521 25.654 25.703 25.966	25.236 25.354 25.542 25.774 25.989 26.198 26.377 26.625 26.825	24.790 24.864 25.006 25.190 25.357 25.518 25.651 25.700 25.962	317.3 310.6 297.2 279.6 263.6 248.3 235.8 231.3 221.2 206.7	3.282 3.596 3.900 4.188 4.459 4.716 4.957 5.190 5.415 5.629	89.3 89.6 89.6 89.7 89.9 90.2 90.2 90.2	1504.4 1504.7 1501.5 1496.0 1493.1 1490.2 1488.9 1488.7 1488.9	165.5 199.7 237.1 277.3 320.4 366.0 414.1 464.6 517.3 572.3	37.8 81.5 165.1 87.7 77.0 246.4 91.4 181.9 136.5 54.2
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.8 248.8 258.7 268.6 278.6 288.5	9.097 9.150 9.048 9.020 8.961 8.850 8.649 8.529 8.521 8.458	9.075 9.128 9.024 8.995 8.935 8.824 8.622 8.501 8.491 8.428	33.672 33.792 33.853 33.907 33.947 33.973 33.966 34.006 34.050 34.057	26.067 26.153 26.216 26.263 26.304 26.342 26.368 26.418 26.454 26.469	26.972 27.102 27.212 27.304 27.390 27.474 27.546 27.641 27.723 27.784	26.063 26.149 26.212 26.259 26.300 26.338 26.364 26.413 26.450 26.465	197.3 189.4 183.5 179.3 175.6 172.1 169.8 169.8 161.9	5.832 6.025 6.210 6.391 6.568 6.743 6.914 7.081 7.245 7.406	90.2 90.2 90.2 90.2 90.2 90.3 90.3	1488.6 1489.1 1489.0 1489.1 1488.9 1488.3 1488.0 1488.2	629.2 688.2 749.0 811.6 876.0 942.1 1009.9 1079.5 1150.6 1223.4	104.3 79.4 62.7 50.1 33.2 38.1 44.2 38.1 11.1 27.0
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	8.343 8.416 8.440 8.157 7.697 7.604 7.511 7.370 7.204	8.312 8.384 8.407 8.123 7.960 7.662 7.569 7.475 7.333 7.167	34.080 34.131 34.146 34.118 34.099 34.090 34.091 34.098 34.098	26.505 26.534 26.542 26.563 26.573 26.609 26.623 26.642 26.662 26.681	27.865 27.939 27.992 28.060 28.117 28.200 28.260 28.326 28.392 28.458	26.500 26.529 26.537 26.558 26.568 26.604 26.618 26.637 26.657 26.676	157.4 154.9 154.3 152.3 151.5 148.0 146.7 145.2 141.4	7.565 7.721 7.876 8.029 8.181 8.331 8.478 8.624 8.768 8.910	90.3 90.3 90.3 90.3 90.3 90.3 90.4 90.3 90.3	1487.9 1488.4 1488.7 1487.7 1487.3 1486.3 1486.1 1485.9 1485.5	1297.7 1373.6 1451.1 1530.0 1610.5 1692.5 1775.9 1860.8 1947.1 2034.9	24.6 22.9 5.3 10.2 31.3 25.4 28.0 5.4 24.8 9.8
400.0 410.0 420.0 430.0 440.0 460.0 470.0 480.0 490.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1 487.0	7.094 6.862 6.754 6.694 6.628 6.528 6.432 6.296 6.203	7.056 6.824 6.715 6.654 6.588 6.487 6.391 6.254 6.161 6.055	34.098 34.091 34.098 34.101 34.109 34.116 34.122 34.119 34.123 34.126	26.700 26.727 26.747 26.758 26.772 26.791 26.809 26.839 26.839	28.524 28.598 28.665 28.721 28.782 28.847 28.912 28.974 29.036 29.098	26.695 26.722 26.742 26.752 26.786 26.804 26.819 26.834 26.850	139.7 137.1 135.2 134.4 133.1 131.3 129.7 128.3 126.9 125.4	9.051 9.189 9.325 9.460 9.594 9.727 9.857 9.857 9.86 10.114	90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4	1484.7 1484.0 1483.7 1483.6 1483.4 1483.1 1482.8 1482.6 1482.3	2124.0 2214.5 2306.4 2399.6 2494.1 2590.0 2687.1 2785.6 2885.3 2986.2	13.6 17.9 21.1 14.7 12.6 31.7 5.6 14.0 19.3 8.2
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	496.9 506.9 516.8 526.7 536.6 546.5 556.4 566.3 576.3	5.970 5.982 5.864 5.725 5.714 5.566 5.491 5.392 5.381 5.283	5.927 5.938 5.819 5.680 5.520 5.345 5.345 5.333 5.235	34.135 34.152 34.153 34.156 34.178 34.169 34.182 34.185 34.193 34.199	26.879 26.890 26.906 26.924 26.955 26.975 26.975 26.997 27.013	29.169 29.226 29.289 29.356 29.420 29.479 29.545 29.606 29.659 29.723	26.873 26.885 26.901 26.920 26.939 26.950 26.969 26.969 26.993 26.991 27.008	123.2 122.2 120.7 118.9 117.2 116.1 114.3 113.0 112.4 110.8	10.364 10.487 10.608 10.728 10.846 10.963 11.078 11.191 11.304 11.416	90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4	1482.0 1482.2 1481.9 1481.6 1481.2 1481.1 1480.8 1480.7	3088.4 3191.8 3296.4 3402.2 3509.2 3617.3 3726.5 3836.9 3948.4 4061.1	23.4 12.0 13.1 30.1 17.8 15.4 19.2 8.7 9.0 24.2
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.7 645.7 655.5 675.4 685.3	5.109 5.032 4.966 5.002 4.977 4.949 4.905 4.668 4.524 4.504	5.060 4.983 4.917 4.952 4.926 4.897 4.853 4.616 4.472 4.451	34.183 34.189 34.192 34.217 34.229 34.242 34.256 34.235 34.239	27.021 27.034 27.044 27.060 27.072 27.087 27.102 27.112 27.131 27.133	29.779 29.839 29.896 29.957 30.015 30.075 30.137 30.197 30.264 30.313	27.015 27.028 27.039 27.054 27.066 27.081 27.096 27.106 27.125 27.128	109.9 108.7 107.7 106.4 105.4 104.1 102.7 101.4 99.6 99.4	11.526 11.636 11.744 11.851 11.957 12.062 12.165 12.267 12.368 12.467	90.4 90.4 90.3 90.3 90.3 90.3 90.3	1480.2 1480.0 1479.9 1480.3 1480.4 1480.4 1479.6 1479.1	4174.8 4289.6 4405.4 4522.4 4640.3 4759.3 4879.4 5000.4 5122.4 5245.5	14.8 8.3 23.0 14.5 14.2 10.4 15.4 17.1 27.3 10.6
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.435 4.438 4.396 4.432 4.387 4.341 4.316 4.263 4.238 4.203	4.382 4.384 4.341 4.331 4.284 4.258 4.205 4.179 4.143	34.240 34.251 34.264 34.289 34.289 34.293 34.302 34.311 34.317 34.322	27.142 27.150 27.165 27.176 27.186 27.194 27.204 27.217 27.224 27.232	30.368 30.422 30.483 30.538 30.595 30.650 30.706 30.765 30.819 30.873	27.136 27.144 27.159 27.169 27.180 27.188 27.198 27.210 27.218 27.226	98.6 97.9 96.5 95.7 94.8 94.0 93.2 92.0 91.3 90.6	12.566 12.665 12.762 12.858 12.953 13.048 13.141 13.234 13.325 13.417	90.3 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1479.1 1479.3 1479.6 1479.6 1479.6 1479.7 1479.7	5369.5 5494.4 5620.4 5747.3 5875.1 6003.8 6133.5 6264.1 6395.6 6528.0	8.9 15.0 9.2 10.9 13.0 14.2 9.5 10.1 7.7
800.0 810.0 820.0 830.0 840.0 850.0 860.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.187 4.193 4.168 4.186 4.139 4.126 4.102 4.079 4.017	4.127 4.132 4.107 4.123 4.105 4.0075 4.061 4.037 4.013 3.950	34.326 34.336 34.345 34.359 34.363 34.368 34.377 34.382 34.387 34.387	27.237 27.245 27.254 27.263 27.269 27.276 27.284 27.291 27.297 27.306	30.924 30.978 31.034 31.088 31.139 31.193 31.247 31.300 31.352 31.408	27.230 27.238 27.248 27.257 27.262 27.269 27.277 27.284 27.291 27.299	90.3 89.6 88.7 88.0 87.6 87.6 85.1 85.1	13.507 13.597 13.686 13.774 13.862 13.950 14.036 14.122 14.208 14.292	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1479.8 1480.0 1480.1 1480.4 1480.5 1480.5 1480.6 1480.7	6661.3 6795.5 6930.5 7066.4 7203.2 7340.9 7479.4 7618.7 7758.9 7899.9	3.9 3.0 13.0 9.8 4.8 8.6 4.5 10.4 4.3 8.4
900.0 910.0 920.0 930.0 940.0 950.0 970.0 980.0 990.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.3 982.2	4.008 3.988 3.958 3.953 3.894 3.879 3.847 3.847 3.826 3.807	3.941 3.920 3.889 3.864 3.808 3.778 3.775 3.753	34.400 34.408 34.414 34.417 34.420 34.425 34.425 34.425 34.429	27.311 27.317 27.326 27.334 27.340 27.344 27.351 27.353 27.357 27.364	31.459 31.511 31.567 31.620 31.673 31.723 31.777 31.823 31.874 31.927	27.304 27.310 27.320 27.326 27.333 27.337 27.344 27.346 27.350 27.356	83.9 83.3 82.5 81.9 81.3 80.9 80.3 79.9 79.3	14.376 14.460 14.543 14.625 14.707 14.788 14.868 14.949 15.029 15.108	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1480.8 1480.9 1480.9 1481.0 1481.1 1481.2 1481.3 1481.4	8041.7 8184.4 8327.9 8472.2 8617.3 8763.2 8909.9 9057.4 9205.6 9354.7	4.3 7.5 5.7 7.2 7.2 5.2 8.0 7.8 4.6

Station	21	Latitude	32° 51.	57'N	Longitu	de 128°	11.62'W	28	Apr 1991	GMT 1	5:36	Bottom	
Pres. db	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn.Ht	LTR	sv	TF m ³ /s ²	N ²
1000.0	IN .	°C 3.787	.c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	=	0/0	m/s		
1020.0	992.1 1011.9	3.742	3.713 3.667	34.439 34.447	27.369 27.380	31.978 32.082	27.362 27.373	78.8 77.9	15.187 15.344	90.2 90.2	1481.6 1481.7	9504.5 9806.4	9.6 9.0
1040.0	1031.7	3.705	3.629	34.456	27.391	32.184	27.383	76.9	15.499	90.2	1481.9	10111.4	1.4
1060.0	1051.5	3.652	3.574	34.462	27.402	32.287	27.394	76.0	15.652	90.2	1482.0	10419.4	2.6
1080.0 1100.0	1071.2 1091.0	3.612 3.588	3.533 3.507	34.467 34.472	27.409 27.415	32.387 32.485	27.402 27.407	75.3 74.9	15.803 15.953	90.2 90.2	1482.2 1482.4	10730.4 11044.3	2.0 3.5
1120.0	1110.8	3.543	3.461	34.478	27.425	32.587	27.417	74.0	16.102	90.2	1482.6	11361.2	3.6
1140.0	1130.5	3.510	3.427	34.485	27.434	32.688	27.426	73.3	16.249	90.2	1482.8	11681.0	.0
1160.0	1150.3	3.470	3.385	34.489	27.441	32.788	27.433	72.6	16.395	90.2	1483.0	12003.6	3.8
1180.0	1170.1	3.428	3.342	34.494	27.449	32.888	27.441	71.9	16.540	90.2	1483.1	12329.0	2.6
1200.0 1220.0	1189.8	3.375	3.288	34.501	27.460	32.991	27.451	71.0	16.682	90.2	1483.2	12657.3	1.5
1240.0	1209.6 1229.3	3.348 3.310	3.260 3.221	34.503 34.508	27.464 27.472	33.087 33.187	27.456 27.464	70.6 69.9	16.824 16.965	90.2 90.2	1483.5 1483.6	12988.3 13322.1	-1.1 4.4
1260.0	1249.1	3.268	3.177	34.517	27.483	33.290	27.475	68.9	17.104	90.2	1483.8	13658.6	6.8
1280.0	1268.8	3.230	3.177 3.138	34.518	27.487	33.387	27.479	68.6	17.241	90.2	1484.0	13997.8	3.9
1300.0	1288.6	3.190	3.097	34.521	27.494	33.486	27.485	68.0	17.378	90.2	1484.1	14339.7	1.5
1320.0 1340.0	1308.3 1328.1	3.146 3.118	3.051 3.022	34.524 34.528	27.500 27.507	33.584 33.683	27.492 27.498	67.4 66.8	17.513 17.647	90.2 90.2	1484.3 1484.5	14684.2 15031.4	3.3 6.8
1360.0	1347.8	3.089	2.992	34.532	27.512	33.780	27.503	66.4	17.781	90.2	1484.7	15381.2	3.0
1380.0	1367.6	3.046	2.947	34.536	27.520	33.880	27.511	65.7	17.913	90.2	1484.9	15733.5	5.7
1400.0	1387.3	3.003	2.904	34.539	27.526	33.978	27.517	65.1	18.043	90.2	1485.0	16088.4	5.1
1420.0	1407.1	2.967	2.867	34.541	27.531	34.075	27.521	64.7	18.173	90.2	1485.2	16445.9	2.5
1440.0 1460.0	1426.8 1446.5	2.936 2.885	2.834 2.781	34.544 34.547	27.536 27.544	34.172 34.273	27.527 27.534	64.2	18.302 18.429	90.2 90.2	1485.4 1485.5	16805.8 17168.3	2.8 9.5
1480.0	1466.3	2.839	2.735	34.550	27.550	34.372	27.541	63.4 62.8	18.556	90.2	1485.7	17533.2	1
1500.0	1486.0	2.804	2,698	34.554	27.556	34.470	27.547	62.2	18.681	90.2	1485.8	17900.6	2.8
1520.0	1505.7	2.767	2.660	34.557	27.562	34.568	27.553	61.7	18,805	90.2	1486.0	18270.3	4.6
1540.0 1560.0	1525.5 1545.2	2.744	2.635 2.594	34.560 34.563	27.566	34.664	27.557	61.3	18.927	90.2	1486.3	18642.5	1.1
1580.0	1564.9	2.703 2.665	2.554	34.567	27.573 27.579	34.762 34.861	27.563 27.569	60.7 60.1	19.049 19.170	90.2 90.2	1486.4 1486.6	19017.1 19394.0	5.2 4.3
1600.0	1584.6	2,627		34.570		34.959		_				_	
1620.0	1604.4	2.592	2.515 2.479	34.572	27.585 27.589	35.055	27.575 27.580	59.5 59.1	19.290 19.409	90.2 90.2	1486.8 1486.9	19773.3 20154.8	6.7 4.3
1640.0	1624.1	2.560	2.446	34.574	27.594	35.152	27.584	58.7	19.526	90.2	1487.1	20538.7	2.6
1660.0	1643.8	2.527	2.411	34.577	27.600	35.249	27.590	58.1	19.643	90.2	1487.3	20924.8	2.9
1680.0 1700.0	1663.5 1683.2	2.503 2.468	2.386	34.579 34.581	27.603	35.345	27.593	57.8	19.759	90.3	1487.6	21313.2	6
1720.0	1702.9	2.436	2.350 2.317	34.584	27.608 27.613	35.441 35.538	27.598 27.603	57.3 56.8	19.874 19.988	90.2 90.3	1487.8 1488.0	21703.8 22096.7	5.3 2.6
1740.0	1722.6	2.410	2.290	34.585	27.616	35.633	27.606	56.6	20.102	90.2	1488.2	22491.7	2.1
1760.0	1742.3	2.391	2.269	34.588	27.619	35.728	27.609	56.2	20.214	90.2	1488.4	22889.0	2.7
1780.0	1762.1	2.375	2.252	34.591	27.624	35.823	27.613	55.9	20.326	90.2	1488.7	23288.4	2.7
1800.0 1820.0	1781.8	2.359	2.234	34.595	27.628	35.919	27.618	55.5	20.438	90.3	1489.0	23690.0	.4
1840.0	1801.4 1821.2	2.341 2.317	2.214 2.189	34.597 34.599	27.632 27.636	36.013 36.109	27.621 27.625	55.2 54.9	20.549 20.659	90.2 90.2	1489.2 1489.5	24093.7 24499.6	1.0 -1.1
1860.0	1840.8	2.291	2.162	34.602	27.640	36.205	27.629	54.4	20.768	90.2	1489.7	24907.6	3.3
1880.0	1860.5	2.275	2.144	34.603	27.642	36.297	27.631	54.3	20.877	90.2	1490.0	25317.7	3.0
1900.0	1880.2	2.247	2.115	34.606	27.647	36.394	27.636	53.8	20.985	90.3	1490.2	25729.9	2.8
1920.0 1940.0	1899.9 1919.6	2.226 2.199	2.093 2.064	34.607 34.610	27.650 27.654	36.488 36.584	27.639 27.643	53.5 53.1	21.093 21.199	90.2 90.3	1490.4 1490.6	26144.2 26560.5	2 2.2
1960.0	1939.3	2.174	2.038	34.612	27.657	36.679	27.647	52.8	21.305	90.2	1490.9	26978.9	4.3
1980.0	1959.0	2.154	2.016	34.613	27.660	36,773	27.649	52.5	21.411	90.3	1491.1	27399.4	2.2
2000.0	1978.7	2.136	1.997	34.614	27.663	36.867	27.652	52.3	21.515	90.3	1491.4	27821.8	1.7
2050.0	2027.9	2.099	1.956	34.619	27.670	37.100	27.659	51.7	21.776	90.3	1492.1	28886.8	1.7
2098.0	2075.1	2.041	1.895	34.624	27.679	37.329	27.668	50.8	22.022	90.3	1492.6	29921.0	.0

Station		Latitude	33° 05.		_	ude 128°			Apr 1991	GMT 1		Bottom	
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 20.0 30.0 40.0 50.0 70.0 80.0 90.0	.0 10.0 19.9 29.8 49.8 59.8 69.7 79.7	14.863 14.850 14.827 14.596 14.237 14.043 14.155 14.241 14.267	14.863 14.849 14.823 14.590 14.230 14.034 14.145 14.230 14.254	33.182 33.179 33.179 33.177 33.150 33.164 33.147 33.191 33.233 33.255	24.601 24.602 24.606 24.634 24.722 24.749 24.760 24.774 24.786	24.601 24.646 24.690 24.738 24.811 24.943 25.015 25.070 25.129 25.185	24.601 24.601 24.605 24.633 24.720 24.747 24.758 24.772 24.784	332.8 333.0 333.3 333.2 330.7 322.7 320.4 319.6 318.5 317.7	.000 .333 .666 .999 1.332 1.657 1.979 2.298 2.618 2.936	88.8 88.9 88.9 88.6 89.0 89.2 89.1 89.1	1504.7 1504.8 1505.1 1504.5 1503.5 1503.6 1503.6 1504.1 1504.4	107 6.6 14.9 26.5 41.4 59.8 105.3 133.0	.0 3.3 1.6 1.0 130.4 35.4 21.7 9.1 18.2 14.7
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.1	14.363 14.229 13.066 12.433 11.777 10.983 9.805 9.334 9.107 8.953	14.348 14.214 13.050 12.416 11.759 10.965 9.787 9.316 9.088 8.933	33.309 33.358 33.444 33.403 33.319 33.260 33.183 33.263 33.341 33.432	24.809 24.875 25.179 25.329 25.427 25.569 25.708 25.806 25.902	25.251 25.362 25.712 25.851 25.955 26.101 26.292 26.477 26.621 26.763	24.806 24.872 25.175 25.267 25.325 25.424 25.566 25.705 25.898	315.9 309.9 281.0 272.4 266.9 257.5 243.9 230.8 221.6 212.7	3.253 3.567 3.862 4.140 4.409 4.669 4.919 5.157 5.382 5.600	88.9 88.6 89.8 89.9 90.1 90.2 90.2	1504.9 1504.7 1501.1 1499.1 1496.9 1494.1 1489.9 1488.5 1487.6	163.8 197.7 234.7 274.5 317.1 362.3 410.0 460.1 512.5 567.1	34.6 229.4 148.4 152.3 50.9 141.8 148.9 145.0 46.6 65.6
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.8 248.8 258.7 268.6 278.6 288.5	8.900 8.791 8.822 8.694 8.603 8.458 8.315 8.257 8.067 7.953	8.879 8.769 8.799 8.670 8.578 8.432 8.229 8.039 7.924	33.501 33.597 33.725 33.787 33.822 33.907 33.934 33.965 33.979 34.004	25.964 26.056 26.152 26.221 26.262 26.351 26.394 26.427 26.466 26.503	26.870 27.008 27.148 27.263 27.350 27.485 27.574 27.652 27.738 27.821	25.961 26.053 26.148 26.217 26.258 26.347 26.390 26.423 26.462 26.499	207.0 198.3 189.6 183.1 179.4 171.1 167.1 164.2 160.5 157.1	5.810 6.012 6.206 6.392 6.573 6.748 6.917 7.083 7.246 7.404	90.2 90.2 90.2 90.2 90.3 90.3 90.3	1487.6 1487.5 1488.0 1487.7 1487.6 1487.3 1487.0 1486.9 1486.4	623.8 682.6 743.3 805.9 870.3 936.5 1004.4 1073.9 1145.1 1217.8	160.8 109.8 89.6 38.4 66.8 93.1 16.3 34.8 25.7 24.8
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.4 308.4 318.3 328.2 338.2 348.1 358.0 367.9 377.9 387.8	7.806 7.731 7.567 7.344 7.255 7.120 7.027 6.921 6.797 6.678	7.776 7.700 7.536 7.313 7.222 7.087 6.994 6.887 6.762 6.642	34.021 34.033 34.043 34.053 34.055 34.063 34.063 34.069 34.069	26.538 26.559 26.590 26.630 26.644 26.667 26.682 26.718 26.734	27.902 27.969 28.047 28.133 28.194 28.263 28.325 28.386 28.386 28.516	26.533 26.554 26.586 26.625 26.639 26.667 26.693 26.713 26.729	153.9 152.1 149.1 145.4 144.2 142.1 140.7 139.3 137.4 136.0	7.560 7.713 7.864 8.011 8.156 8.299 8.440 8.580 8.718 8.855	90.3 90.2 90.3 90.3 90.3 90.3 90.4 90.3	1485.8 1485.7 1485.2 1484.5 1484.0 1483.8 1483.5 1483.2 1483.2	1292.1 1368.0 1445.3 1524.1 1604.4 1686.1 1769.1 1853.6 1939.5 2026.7	35.0 22.7 44.6 27.9 20.6 27.0 31.7 16.1 7.3 14.3
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1 487.0	6.647 6.550 6.501 6.418 6.310 6.214 6.320 6.286 6.183 6.093	6.611 6.513 6.463 6.379 6.271 6.174 6.280 6.244 6.141 6.051	34.082 34.080 34.081 34.085 34.088 34.084 34.121 34.131 34.140 34.146	26.748 26.760 26.767 26.781 26.797 26.823 26.823 26.835 26.855 26.872	28.576 28.634 28.688 28.748 28.810 28.867 28.927 28.927 28.925 29.052 29.115	26.743 26.755 26.763 26.776 26.792 26.802 26.817 26.829 26.850 26.866	134.7 133.7 133.1 131.8 130.4 129.5 128.3 127.2 125.3 123.8	8.991 9.125 9.258 9.391 9.522 9.652 9.781 9.908 10.035	90.4 90.4 90.4 90.4 90.4 90.4 90.4	1483.0 1482.7 1482.7 1482.5 1482.3 1482.1 1482.7 1482.7 1482.5 1482.3	2115.2 2205.1 2296.3 2388.8 2482.7 2577.8 2674.2 2771.8 2870.8 2970.9	8.5 4.4 10.2 7.9 7.9 9.6 17.3 22.8 21.9
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	496.9 506.8 516.8 526.7 536.6 546.5 556.4 566.3 576.3	6.037 5.964 5.918 5.854 5.819 5.717 5.649 5.530 5.483	5.994 5.920 5.873 5.809 5.773 5.670 5.565 5.481 5.433	34.150 34.153 34.157 34.167 34.174 34.179 34.182 34.190 34.203 34.210	26.882 26.894 26.902 26.919 26.929 26.945 26.956 26.956 26.987 26.998	29.171 29.230 29.284 29.347 29.403 29.466 29.524 29.524 29.648 29.705	26.876 26.888 26.897 26.913 26.923 26.939 26.950 26.950 26.981 26.992	123.0 121.9 121.1 119.7 118.8 117.3 116.3 115.4 113.4 112.5	10.283 10.405 10.527 10.647 10.767 10.885 11.002 11.118 11.232 11.345	90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4	1482.3 1482.1 1482.1 1482.1 1481.8 1481.7 1481.7 1481.6 1481.6	3072.3 3174.9 3278.7 3383.7 3389.8 3597.2 3705.7 3815.3 3926.1 4038.0	4.6 23.4 13.4 14.3 15.8 13.1 18.4 24.5
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0 690.0	596.1 606.0 615.9 625.8 635.7 645.6 655.5 665.4 675.3	5.427 5.358 5.330 5.238 5.199 5.089 5.022 4.955 4.972 4.888	5.377 5.308 5.279 5.186 5.146 5.036 4.968 4.901 4.918 4.832	34.220 34.230 34.234 34.243 34.252 34.252 34.253 34.258 34.279 34.276	27.013 27.029 27.035 27.053 27.063 27.067 27.087 27.098 27.113 27.121	29.766 29.829 29.881 29.946 30.002 30.064 30.120 30.178 30.238 30.293	27.007 27.023 27.029 27.047 27.057 27.072 27.081 27.092 27.107 27.115	111.1 109.7 109.1 107.4 106.5 105.1 104.3 103.2 102.0 101.2	11.457 11.567 11.676 11.784 11.891 11.997 12.102 12.206 12.308 12.410	90.3 90.3 90.3 90.2 90.2 90.2 90.2 90.2	1481.5 1481.4 1481.5 1481.3 1481.0 1480.9 1480.9	4151.0 4265.1 4380.3 4496.6 4613.9 4732.2 4851.6 4972.1 5093.5 5215.9	10.5 15.1 11.3 10.4 14.0 10.7 15.1 15.7
700.0 710.0 720.0 730.0 740.0 750.0 750.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 734.7 754.6 764.5 774.4 784.3	4.863 4.893 4.873 4.825 4.777 4.715 4.628 4.603 4.596	4.807 4.836 4.816 4.766 4.718 4.656 4.616 4.567 4.542 4.535	34.286 34.300 34.313 34.314 34.316 34.325 34.332 34.338 34.339	27.131 27.139 27.149 27.157 27.164 27.172 27.184 27.195 27.202 27.204	30.349 30.402 30.458 30.513 30.566 30.621 30.679 30.736 30.789 30.837	27.125 27.133 27.143 27.150 27.157 27.165 27.177 27.188 27.195 27.197	100.3 99.7 98.9 98.2 97.6 96.8 95.7 94.7 94.1	12.511 12.611 12.710 12.809 12.907 13.004 13.100 13.195 13.290 13.384	90.2 90.2 90.2 90.2 90.2 90.2 90.1 90.1	1480.9 1481.2 1481.3 1481.3 1481.3 1481.2 1481.2 1481.2 1481.2	5339.4 5463.8 5589.2 5715.6 5843.0 5971.3 6100.5 6230.7 6361.9 6493.9	9.3 11.6 9.3 15.7 6.6 11.6 8.1 5.8
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 853.6 863.5 873.4 883.3	4.534 4.431 4.422 4.420 4.391 4.404 4.378 4.314 4.284	4.471 4.369 4.358 4.356 4.326 4.338 4.312 4.247 4.216 4.176	34.345 34.344 34.356 34.363 34.376 34.383 34.387 34.387 34.391	27.215 27.223 27.226 27.236 27.246 27.254 27.263 27.273 27.279 27.288	30.895 30.951 31.000 31.056 31.111 31.165 31.220 31.277 31.329 31.384	27.208 27.216 27.220 27.229 27.239 27.247 27.256 27.266 27.272 27.281	93.0 92.1 91.9 91.0 90.2 89.8 87.8 87.3 86.5	13.478 13.570 13.662 13.754 13.844 13.934 14.023 14.112 14.199 14.286	90.1 90.1 90.1 90.1 90.1 90.1 90.1 90.1	1481.3 1481.0 1481.2 1481.3 1481.4 1481.6 1481.6 1481.6 1481.6	6626.9 6760.8 6895.6 7031.3 7167.9 7305.4 7443.7 7583.0 7864.0	11.0 7.5 8.1 15.1 9.6 2.3 16.3 19.5 19.2
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.5 962.4 972.3 982.2	4.232 4.211 4.201 4.129 4.103 4.035 4.009 3.976 3.961 3.902	4.163 4.141 4.131 4.059 4.032 3.963 3.937 3.903 3.887 3.828	34.402 34.407 34.415 34.415 34.417 34.422 34.423 34.430 34.435 34.438	27.293 27.300 27.308 27.315 27.319 27.330 27.334 27.343 27.348 27.356	31.436 31.488 31.542 31.596 31.646 31.705 31.755 31.810 31.862 31.917	27.286 27.292 27.301 27.307 27.311 27.323 27.326 27.335 27.341 27.349	86.0 85.5 84.8 84.1 83.7 82.3 81.5 81.0	14.372 14.458 14.543 14.628 14.712 14.795 14.877 14.959 15.040 15.121	90.1 90.2 90.1 90.1 90.1 90.1 90.1 90.1	1481.8 1481.8 1482.0 1481.8 1481.9 1481.8 1481.8 1481.9 1482.0 1481.9	8005.8 8148.4 8291.9 8436.2 8581.3 8727.3 8874.1 9021.6 9170.0 9319.2	6.4 3.5 4.0 4.6 8.1 10.8 9.6 9.3 3.7

Station	22	Latitude	33° 05.	07'N	Longitu	de 128°	04.87'W	28	Apr 1991	GMT 19	9:33	Bottom	4550 m
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht	LTR 0/0	sv m/s	m3/s2	N ² 10 ⁶ /s ²
1000.0 1020.0 1040.0 1060.0 1080.0 1100.0 1120.0 1140.0 1160.0	992.1 1011.9 1031.7 1051.4 1071.2 1091.0 1110.8 1130.5 1150.3 1170.1	3.870 3.812 3.766 3.724 3.675 3.642 3.593 3.541 3.540 3.454	3.796 3.736 3.689 3.645 3.595 3.561 3.511 3.457 3.415 3.368	34.440 34.454 34.455 34.465 34.465 34.473 34.479 34.484 34.489	27.362 27.372 27.384 27.396 27.402 27.412 27.421 27.431 27.440 27.451	31.969 32.071 32.175 32.280 32.378 32.480 32.582 32.684 32.786 32.889	27.354 27.364 27.376 27.376 27.389 27.403 27.413 27.422 27.422 27.442	79.7 78.8 77.8 76.6 76.2 75.4 74.5 73.7 72.8 71.8	J/kg 15.201 15.359 15.516 15.670 15.823 15.975 16.125 16.273 16.419 16.564	90.1 90.1 90.2 90.1 90.1 90.1 90.2 90.2	1481.9 1482.0 1482.2 1482.3 1482.5 1482.7 1482.8 1482.9 1483.1 1483.2	9469.1 9771.3 10076.7 10385.0 10696.4 11010.7 11328.0 11648.2 11971.3 12297.2	8.4 6.4 2.6 2.7 4.4 2.9 2.9
1200.0 1220.0 1240.0 1260.0 1280.0 1300.0 1320.0 1340.0 1360.0 1380.0	1189.8 1209.6 1229.3 1249.1 1268.8 1288.6 1308.3 1328.1 1347.8 1367.6	3.408 3.364 3.329 3.298 3.256 3.234 3.191 3.161 3.117	3.321 3.275 3.239 3.207 3.163 3.140 3.096 3.065 3.020 2.984	34.505 34.511 34.514 34.521 34.523 34.528 34.530 34.534 34.537	27.460 27.469 27.475 27.488 27.488 27.492 27.500 27.504 27.512 27.517	32.990 33.091 33.189 33.286 33.387 33.482 33.582 33.679 33.778 33.876	27.452 27.460 27.466 27.471 27.479 27.483 27.491 27.495 27.503 27.508	71.0 70.2 69.7 69.3 68.6 68.3 67.6 67.2 66.5	16.707 16.848 16.988 17.127 17.265 17.402 17.538 17.672 17.806 17.939	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1483.4 1483.5 1483.7 1483.9 1484.1 1484.3 1484.5 1484.7 1484.8 1485.0	12626.0 12957.5 13291.7 13628.7 13968.3 14310.7 14655.7 15003.3 15353.6 15706.5	4.7 3.9 3.6 4.5 4.5 7.17 23.9 4.2
1400.0 1420.0 1440.0 1460.0 1500.0 1520.0 1540.0 1560.0 1580.0	1387.3 1407.1 1426.8 1446.5 1466.3 1486.0 1505.7 1525.4 1545.2 1564.9	3.054 3.005 2.962 2.907 2.868 2.832 2.800 2.766 2.727 2.702	2.954 2.904 2.859 2.803 2.726 2.693 2.658 2.617 2.591	34.540 34.541 34.543 34.546 34.550 34.555 34.557 34.557 34.561 34.565	27.522 27.527 27.533 27.545 27.545 27.558 27.558 27.562 27.569 27.574	33.973 34.070 34.168 34.269 34.365 34.463 34.562 34.659 34.758 34.854	27.513 27.518 27.524 27.531 27.535 27.541 27.548 27.553 27.559 27.565	65.6 65.1 64.6 63.8 63.4 62.8 62.2 61.8 61.1	18.070 18.201 18.331 18.459 18.586 18.712 18.838 18.962 19.084 19.206	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1485.2 1485.4 1485.5 1485.6 1485.8 1486.0 1486.2 1486.3 1486.5 1486.7	16061.9 16419.9 16780.4 17143.4 17508.9 17876.9 18247.3 18620.2 18995.4 19373.0	1.9 8.1 5.4 3.7 1.6 3.1 5.2 8.4 2.6
1600.0 1620.0 1640.0 1660.0 1700.0 1720.0 1740.0 1760.0 1780.0	1584.6 1604.3 1624.1 1643.8 1663.5 1683.2 1702.9 1722.6 1742.3 1762.0	2.681 2.651 2.612 2.591 2.553 2.507 2.499 2.459 2.376	2.569 2.538 2.497 2.475 2.435 2.389 2.371 2.338 2.297 2.253	34.568 34.569 34.573 34.573 34.576 34.578 34.584 34.585 34.585	27.579 27.582 27.588 27.591 27.597 27.602 27.608 27.612 27.615 27.622	34.951 35.046 35.144 35.238 35.336 35.434 35.531 35.627 35.722 35.821	27.569 27.573 27.579 27.581 27.587 27.598 27.602 27.605 27.611	60.3 60.0 59.4 59.2 58.6 58.0 57.1 56.8	19.327 19.448 19.567 19.685 19.803 19.920 20.035 20.150 20.264 20.376	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1487.0 1487.2 1487.4 1487.6 1487.8 1487.9 1488.2 1488.4 1488.6 1488.7	19753.0 20135.3 20519.9 20906.9 21296.1 21687.6 22081.4 22477.4 22875.6 23276.0	2.0 2.0 1.1 2.6 3.8 5.6 .9
1800.0 1820.0 1840.0 1860.0 1900.0 1920.0 1940.0 1960.0	1781.7 1801.4 1821.1 1840.8 1860.5 1880.2 1899.9 1919.6 1939.3 1959.0	2.349 2.321 2.292 2.279 2.256 2.241 2.223 2.208 2.193 2.171	2.224 2.194 2.165 2.150 2.126 2.109 2.089 2.073 2.056 2.034	34.590 34.592 34.595 34.597 34.601 34.603 34.605 34.608 34.609 34.611	27.625 27.629 27.634 27.637 27.642 27.645 27.648 27.652 27.654	35.916 36.012 36.109 36.202 36.299 36.393 36.487 36.581 36.674 36.769	27.615 27.618 27.624 27.626 27.632 27.637 27.637 27.641 27.643 27.647	55.8 55.4 54.9 54.7 54.2 53.7 53.4 53.2 52.8	20.488 20.600 20.710 20.819 20.928 21.036 21.144 21.251 21.357 21.463	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1488.9 1489.1 1489.3 1489.6 1489.9 1490.1 1490.4 1490.7 1490.9 1491.2	23678.5 24083.3 24490.1 24899.1 25310.2 25723.4 26138.7 26556.1 26975.5 27397.0	3.0 4.8 4.5 2 4.8 3.9 1.0 4 2.2
2000.0 2050.0 2096.0	1978.6 2027.8 2073.1	2.151 2.094 2.047	2.013 1.952 1.901	34.614 34.620 34.625	27.662 27.671 27.679	36.864 37.102 37.319	27.651 27.660 27.667	52.5 51.6 50.8	21.569 21.829 22.065	90.2 90.2 90.2	1491.4 1492.0 1492.6	27820.5 28888.1 29881.3	1.4 .0

Station		Latitude	32 * 59.			ude 127°		2	8 Apr 199	1 GMT 2	2:30	Bottom	
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-6 kg/m ³	kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /k	Dyn.Ht g J/kg	LTR 0/0	sv m/s	m ^{TF}	N ² 10 ⁶ /s ²
10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.008 15.011 14.940 14.325 14.462 14.369 14.352 14.328 14.298	15.008 15.009 14.937 14.320 14.457 14.387 14.360 14.342 14.317	33.187 33.186 33.189 33.149 33.246 33.265 33.267 33.270 33.277	24.574 24.572 24.591 24.752 24.772 24.778 24.778 24.797	24.574 24.616 24.824 24.825 24.905 24.973 25.038 25.038 25.139 25.139	24.574 24.572 24.585 24.690 24.727 24.750 24.770 24.775 24.782 24.794	335.4 335.8 334.8 325.1 321.8 319.8 318.2 318.0 317.6 316.7	.000 .336 .671 1.002 1.326 1.646 1.965 2.283 2.601 2.918	89.10 89.6 88.6 88.9 89.0 89.0 89.0	1505.2 1505.4 1505.3 1503.4 1504.1 1504.1 1504.2 1504.3 1504.4	1.7 6.7 15.0 26.6 41.4 59.4 80.6 104.9	-1.1 18.6 78.5 49.2 7.1 4.2 6.8 6.8 17.3
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.1	14.109 13.493 12.273 10.802 9.928 9.586 9.651 9.678 9.639 9.565	14.095 13.478 12.258 10.786 9.912 9.570 9.633 9.659 9.619 9.544	33.294 33.283 33.337 33.163 33.295 33.488 33.647 33.670 33.730	24.850 24.968 25.283 25.383 25.692 25.833 25.977 26.036	25.293 25.456 25.768 26.164 26.370 26.520 26.790 26.894	24.847 24.965 25.246 25.381 25.690 25.830 25.950 25.974 26.033	311.9 300.9 274.1 261.2 247.0 232.0 218.9 207.7 205.6 200.2	3.232 3.540 3.823 4.091 4.347 4.588 4.814 5.029 5.235 5.438	88.7 89.2 89.6 89.8 90.1 90.2 90.1 90.1	1504.0 1502.2 1498.3 1493.0 1490.0 1489.1 1489.8 1490.2 1490.2	163.0 196.7 233.4 272.7 314.7 359.2 405.9 454.9 505.9 559.0	19.1 396.7 222.3 75.6 146.8 128.9 78.3 118.4 10.4 22.4
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 218.9 228.8 248.8 258.7 268.6 278.6 288.5	9.510 9.407 9.286 9.186 9.117 9.015 8.957 8.952 8.725 8.578	9.488 9.384 9.262 9.161 9.091 8.988 8.929 8.783 8.695 8.547	33.785 33.850 33.904 33.942 33.991 34.001 34.026 34.047 34.060	26.089 26.156 26.219 26.264 26.292 26.330 26.347 26.390 26.420 26.453	26.992 27.105 27.213 27.304 27.377 27.461 27.523 27.612 27.688 27.767	26.085 26.153 26.215 26.260 26.288 26.326 26.343 26.385 26.416 26.448	195.4 189.2 183.4 179.3 176.8 173.9 165.3 162.3	5.636 5.829 6.015 6.196 6.374 6.548 6.721 6.891 7.058 7.222	90.1 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1490.3 1490.1 1489.9 1489.8 1489.7 1489.5 1489.5 1489.0 1488.6	614.0 671.0 729.9 790.5 853.0 917.2 983.1 1050.7 1120.0 1190.9	66.6 66.3 79.8 37.3 40.8 11.2 45.9 10.9 28.4
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.4 308.4 318.3 328.2 338.1 348.1 358.0 367.9 377.9 387.8	8.521 8.444 8.245 8.155 7.954 7.806 7.713 7.660 7.566	8.490 8.411 8.213 8.122 7.920 7.771 7.677 7.624 7.529 7.485	34.069 34.075 34.066 34.070 34.081 34.090 34.096 34.097 34.101 34.104	26.469 26.486 26.508 26.526 26.565 26.565 26.611 26.620 26.637 26.646	27.828 27.890 27.960 28.023 28.109 28.183 28.248 28.302 28.365 28.420	26.464 26.481 26.503 26.521 26.560 26.588 26.606 26.615 26.632 26.640	160.9 159.5 157.3 155.9 152.2 149.6 147.9 147.3 145.8	7.383 7.543 7.702 7.858 8.013 8.163 8.312 8.460 8.606 8.752	90.2 90.3 90.3 90.3 90.3 90.3 90.3 90.3	1488.6 1488.5 1487.9 1487.7 1486.7 1486.5 1486.5 1486.3	1263.5 1337.6 1413.3 1490.5 1569.3 1649.6 1731.4 1814.7 1899.4	5.3 26.1 14.3 28.1 32.5 26.0 9.6 6.4 8.1
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0 490.0	397.7 407.6 417.5 427.5 437.4 447.3 457.2 467.2 477.1 487.0	7.416 7.293 7.225 7.117 7.033 6.851 6.655 6.403 6.354 6.268	7.377 7.253 7.185 7.077 6.991 6.809 6.613 6.361 6.311 6.225	34.112 34.126 34.122 34.129 34.127 34.105 34.084 34.100 34.103	26.667 26.687 26.702 26.720 26.734 26.757 26.766 26.783 26.802 26.815	28.487 28.554 28.615 28.679 28.740 28.867 28.867 28.931 28.997 29.057	26.661 26.682 26.714 26.728 26.752 26.750 26.777 26.797	143.2 141.2 140.0 138.3 137.1 134.8 134.0 132.3 130.5 129.3	8.896 9.038 9.179 9.318 9.455 9.591 9.726 9.858 9.990 10.120	90.4 90.4 90.4 90.4 90.4 90.4 90.4	1486.0 1485.7 1485.6 1485.2 1484.6 1484.0 1483.1 1483.1	2073.1 2162.1 2252.5 2344.3 2437.4 2531.9 2627.7 2724.9 2823.3 2923.0	9.0 19.5 18.0 26.2 20.9 12.9 19.3
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	496.9 506.8 516.7 536.6 546.5 556.4 566.3 576.3	6.272 6.204 6.140 6.082 6.068 5.739 5.690 5.627 5.549 5.512	6.228 6.159 6.095 6.036 6.020 5.692 5.643 5.578 5.501	34.123 34.120 34.129 34.144 34.154 34.121 34.121 34.123 34.129 34.145	26.831 26.838 26.853 26.872 26.882 26.896 26.905 26.912 26.926 26.944	29.118 29.171 29.232 29.297 29.353 29.417 29.472 29.526 29.587 29.650	26.825 26.832 26.847 26.866 26.876 26.899 26.899 26.906 26.920 26.938	128.0 127.5 126.1 124.4 123.5 121.9 121.2 120.5 119.2 117.6	10.249 10.376 10.503 10.628 10.752 10.875 10.996 11.117 11.237 11.355	90.4 90.3 90.4 90.4 90.3 90.3 90.3	1483.2 1483.1 1483.0 1482.9 1483.0 1481.8 1481.8 1481.6 1481.6	3024.1 3126.3 3229.9 3334.7 3447.9 3656.3 3766.0 38766.8 3988.8	13.2 19.9 14.1 18.7 8.2 -2.7 3.8 5.8 8.1
600.0 610.0 620.0 630.0 640.0 650.0 660.0 680.0 690.0	596.1 606.0 615.9 625.8 635.7 645.6 655.5 665.5 675.4 685.3	5.354 5.255 5.188 5.270 5.259 5.170 5.238 5.270 5.197 5.151	5.305 5.205 5.137 5.219 5.207 5.117 5.183 5.215 5.141 5.095	34.148 34.151 34.159 34.190 34.193 34.223 34.221 34.224 34.2257	26.964 26.979 26.992 27.008 27.011 27.021 27.038 27.049 27.063 27.076	29.719 29.780 29.841 29.900 30.006 30.068 30.123 30.185 30.243	26.958 26.987 27.002 27.005 27.014 27.032 27.042 27.057 27.069	115.6 114.2 112.9 111.7 111.5 110.6 109.2 108.4 107.0 105.9	11.472 11.587 11.701 11.813 11.925 12.036 12.145 12.254 12.362 12.469	90.3 90.4 90.3 90.3 90.2 90.2 90.2	1481.1 1480.9 1480.8 1481.3 1481.5 1481.3 1481.7 1482.1 1482.9	4101.9 4216.2 4331.6 4448.1 4565.8 4684.5 4804.3 4925.2 5047.2	18.3 19.8 18.0 2.0 12.2 6.9 2.6 6.7 9.3
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	5.106 5.069 5.069 4.972 4.925 4.864 4.814 4.750 4.714 4.650	5.049 5.012 4.970 4.913 4.866 4.804 4.753 4.689 4.652 4.587	34.267 34.276 34.283 34.295 34.303 34.311 34.312 34.324 34.331 34.332	27.089 27.100 27.110 27.126 27.138 27.151 27.157 27.175 27.184 27.192	30.303 30.360 30.417 30.479 30.537 30.597 30.650 30.714 30.769 30.825	27.082 27.094 27.104 27.120 27.131 27.145 27.151 27.168 27.177 27.186	104.7 103.7 102.8 101.3 100.3 98.5 96.8 96.0 95.2	12.574 12.678 12.781 12.883 12.984 13.083 13.182 13.280 13.376 13.472	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1481.9 1481.9 1481.9 1481.9 1481.8 1481.8 1481.7 1481.7	5294.2 5419.3 5545.4 5672.5 5800.6 5929.7 6059.8 6190.8 6322.8 6455.7	9.0 11.4 18.1 16.6 11.1 9 7.3 31.6 7.9
800.0 810.0 820.0 830.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.612 4.564 4.526 4.520 4.431 4.369 4.340 4.291 4.266 4.244	4.549 4.500 4.462 4.445 4.365 4.304 4.274 4.224 4.198 4.176	34.338 34.346 34.353 34.361 34.366 34.372 34.380 34.382 34.389 34.392	27.201 27.212 27.222 27.231 27.243 27.255 27.264 27.271 27.280 27.284	30.880 30.938 30.994 31.049 31.108 31.167 31.222 31.275 31.330 31.381	27.194 27.206 27.215 27.224 27.236 27.248 27.257 27.264 27.273 27.277	94.4 93.4 92.5 91.7 90.5 89.4 88.6 88.0 87.2 86.8	13.567 13.661 13.754 13.846 13.937 14.027 14.116 14.204 14.291 14.378	90.1 90.1 90.1 90.1 90.1 90.1 90.1 90.1	1481.6 1481.6 1481.6 1481.7 1481.6 1481.5 1481.5 1481.5 1481.6 1481.6	6589.6 6724.3 6860.0 6996.7 7134.2 7272.6 7411.8 7552.0 7693.0 7834.9	14.9 14.0 13.4 9.6 19.3 15.7 7.5 10.2 4.6
900.0 910.0 920.0 930.0 950.0 950.0 960.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.3 982.2	4.225 4.187 4.153 4.131 4.108 4.083 4.055 3.999 3.932 3.936	4.156 4.118 4.082 4.060 4.067 4.011 3.983 3.925 3.859 3.862	34.399 34.414 34.423 34.426 34.426 34.439 34.439 34.442 34.439	27.292 27.303 27.312 27.321 27.326 27.335 27.342 27.350 27.355 27.362	31.434 31.492 31.547 31.602 31.653 31.708 31.761 31.817 31.869 31.922	27.285 27.296 27.304 27.313 27.319 27.327 27.334 27.343 27.347 27.355	86.1 85.1 84.3 83.6 83.1 82.3 81.7 80.8 80.3 79.7	14.465 14.550 14.635 14.719 14.802 14.885 14.967 15.048 15.129 15.209	90.1 90.1 90.1 90.1 90.1 90.1 90.0 90.1	1481.7 1481.8 1481.9 1481.9 1482.0 1482.1 1482.0 1481.9 1482.1	7977.6 8121.1 8265.5 8410.7 8556.8 8703.6 8851.3 8999.7 9149.0 9299.0	8.4 11.6 12.8 5.5 7.8 8.7 10.2 14.6 2.3 9.3

Station	23	Latitude	32. 59.	19'N	Longitu	de 127°	48.78'W	28	Apr 1991	GMT 2	2:30	Bottom	4500 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z	Sigma-t		Dyn.Ht	LTR	sv	m3/s2	N ² 10 ⁶ /s ²
1000.0 1020.0 1040.0 1060.0	992.1 1011.9 1031.7 1051.5	3.898 3.797 3.734 3.663	3.823 3.721 3.657 3.585	34.453 34.452 34.459	27.369 27.379 27.390	kg/m ³ 31.975 32.079 32.183	kg/m ³ 27.362 27.371 27.383	10 ⁸ m ³ /kg 79.1 78.1 77.1	15.288 15.446 15.601	90.0 90.1 90.1	m/s 1482.1 1482.0 1482.1	9449.8 9753.8 10060.8	5.2 9.3 7.0
1080.0 1100.0 1120.0 1140.0	1071.2 1091.0 1110.8 1130.5	3.629 3.603 3.560 3.501	3.550 3.523 3.478 3.418	34.460 34.465 34.476 34.485 34.489	27.406 27.418 27.429 27.438	32.284 32.383 32.487 32.590 32.692	27.391 27.398 27.410 27.421 27.430	76.3 75.7 74.7 73.7 72.9	15.754 15.906 16.057 16.205 16.351	90.1 90.1 90.1 90.1 90.1	1482.1 1482.3 1482.5 1482.7 1482.8	10370.8 10683.8 10999.8 11318.7 11640.5	4.6 7.0 9.3 3.5 2.9
1160.0 1180.0	1150.3 1170.1	3.463 3.408	3.378 3.322	34.495 34.502	27.447 27.457	32.793 32.896	27.439 27.449	72.1 71.1	16.496 16.639	90.2 90.1	1482.9 1483.0	11965.1 12292.5	2.6 7.6
1200.0 1220.0 1240.0 1260.0 1280.0 1300.0 1320.0 1340.0 1360.0	1189.8 1209.6 1229.3 1249.1 1268.8 1288.6 1308.3 1328.1 1347.8 1367.6	3.362 3.315 3.275 3.239 3.218 3.183 3.119 3.082 3.034 3.026	3.275 3.227 3.186 3.149 3.126 3.090 3.024 2.987 2.988 2.927	34.505 34.509 34.513 34.521 34.525 34.529 34.534 34.536 34.536	27.465 27.472 27.479 27.486 27.491 27.507 27.514 27.520 27.527	32.996 33.096 33.196 33.295 33.391 33.490 33.592 33.691 33.790	27.456 27.464 27.471 27.478 27.483 27.489 27.498 27.505 27.511	70.5 69.1 68.5 68.1 67.6 66.0 65.4	16.781 16.921 17.060 17.198 17.335 17.471 17.605 17.737 17.869	90.1 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1483.2 1483.3 1483.5 1483.7 1484.1 1484.2 1484.3 1484.5	12622.7 12955.7 13291.4 13629.8 13970.8 14314.6 14660.9 15009.9	3.8 5.6 2.1 5.3 .9 4.8 7.7
1400.0 1420.0 1440.0 1460.0 1500.0 1520.0 1540.0 1560.0 1580.0	1387.3 1407.1 1426.8 1446.5 1466.3 1486.0 1505.7 1525.5 1545.2 1564.9	2.983 2.944 2.916 2.880 2.853 2.816 2.783 2.731 2.655	2.844 2.843 2.814 2.777 2.748 2.710 2.675 2.623 2.583 2.544	34.547 34.550 34.555 34.555 34.557 34.561 34.562 34.563 34.566	27.527 27.534 27.545 27.550 27.554 27.559 27.564 27.569 27.573 27.579	33.887 33.987 34.086 34.182 34.279 34.375 34.472 34.569 34.667 34.764 34.861	27.518 27.525 27.531 27.536 27.541 27.545 27.549 27.554 27.564 27.564	65.0 64.3 63.7 63.3 62.8 62.5 61.6 61.0 60.1	17.999 18.128 18.256 18.383 18.509 18.635 18.759 18.883 19.005 19.127	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1484.8 1484.9 1485.1 1485.3 1485.7 1485.9 1486.1 1486.4 1486.5	15715.5 16072.1 16431.2 16792.8 17156.8 17523.3 17892.2 18263.5 18637.2 19013.3	3.6 1.3 2 2.8 1.9 2.5 1.4 4.6 7.5 4.3
1600.0 1620.0 1640.0 1660.0 1700.0 1720.0 1740.0 1760.0 1780.0	1584.6 1604.3 1624.1 1643.8 1663.5 1683.5 1702.9 1722.6 1742.3 1762.0	2.628 2.594 2.565 2.530 2.502 2.474 2.454 2.377 2.355	2.516 2.481 2.451 2.414 2.385 2.355 2.335 2.293 2.255 2.232	34.570 34.572 34.574 34.577 34.577 34.579 34.583 34.585 34.587 34.587	27.585 27.589 27.594 27.599 27.602 27.606 27.610 27.615 27.620 27.625	34.959 35.055 35.151 35.249 35.343 35.439 35.535 35.632 35.729 35.826	27.575 27.580 27.584 27.589 27.592 27.596 27.600 27.605 27.610 27.615	59.5 59.7 58.2 57.9 57.5 57.6 56.1 55.6	19.367 19.486 19.604 19.721 19.837 19.952 20.067 20.181 20.294 20.405	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1486.8 1487.0 1487.2 1487.4 1487.6 1487.8 1488.0 1488.2 1488.4 1488.6	19772.5 20155.6 20541.0 20928.7 21318.6 21710.8 22105.1 22501.8 22900.5 23301.5	2.9 4.6 3.5 1.5 2.9 6.0
1800.0 1820.0 1840.0 1860.0 1900.0 1920.0 1940.0 1960.0 1980.0	1781.7 1801.4 1821.1 1840.8 1860.5 1880.2 1899.9 1919.6 1939.3 1959.0	2.331 2.313 2.282 2.266 2.249 2.227 2.214 2.204 2.187 2.164	2.206 2.187 2.155 2.138 2.118 2.095 2.081 2.070 2.050 2.027	34.592 34.596 34.599 34.601 34.603 34.608 34.609 34.611 34.613	27.628 27.633 27.638 27.641 27.645 27.651 27.653 27.656 27.660	35.920 36.016 36.112 36.207 36.301 36.397 36.490 36.583 36.676 36.771	27.618 27.623 27.627 27.631 27.634 27.638 27.641 27.642 27.645 27.648	55.4 55.0 54.5 54.2 53.9 53.5 53.3 53.3	20.516 20.627 20.736 20.845 20.953 21.060 21.168 21.274 21.380 21.486	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1488.8 1489.1 1489.3 1489.6 1489.8 1490.1 1490.7 1490.9 1491.2	23704.7 24109.9 24517.3 24926.8 25338.4 25752.1 26167.9 26585.7 27005.6 27427.5	1.5 6.5 2.1 5 4.2 2.5 3.7 -1.0 2.2
2000.0 2050.0 2094.0	1978.7 2027.9 2071.1	2.138 2.087 2.048	2.000 1.945 1.903	34.616 34.621 34.625	27.664 27.673 27.679	36.867 37.104 37.310	27.653 27.662 27.668	52.2 51.4 50.8	21.591 21.850 22.074	90.2 90.2 90.2	1491.4 1492.0 1492.6	27851.5 28920.1 29870.8	4.0 6.4 .0

Station		Latitude	32° 45.	67'N	-	ude 127°	55.96'W	28	Apr 1991	GMT	1:23	Bottom	
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	-	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
10.0 20.0 30.0 40.0 50.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	14.633 14.614 14.610 14.269 14.134 14.155 14.139 14.245 14.350 14.425	14.633 14.612 14.607 14.265 14.129 14.148 14.131 14.235 14.339 14.412	33.086 33.087 33.103 33.134 33.142 33.188 33.198 33.241 33.286 33.321	24.576 24.581 24.595 24.691 24.725 24.757 24.768 24.780 24.793 24.805	24.576 24.626 24.683 24.824 24.903 24.978 25.034 25.090 25.147 25.203	24.576 24.581 24.594 24.690 24.724 24.755 24.766 24.778 24.790 24.802	335.1 334.9 333.9 325.0 322.0 319.4 318.5 317.7 316.8 316.0	.000 .335 .670 1.000 1.324 1.644 1.963 2.281 2.598 2.915	88.3 88.3 88.9 89.0 89.0 89.1 89.2	1503.9 1504.0 1504.1 1503.2 1503.0 1503.3 1503.4 1503.9 1504.5	.0 1.7 6.7 15.0 26.6 41.4 59.3 80.5 104.8 132.2	.0 7.4 27.6 29.3 28.1 9.4 10.5 11.5 15.9 21.2
100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.1	14.320 13.094 11.703 10.676 9.657 9.413 9.367 9.232 9.289 9.236	14.306 13.079 11.688 10.660 9.642 9.397 9.350 9.214 9.269 9.215	33.329 33.215 33.189 33.194 33.188 33.260 33.354 33.430 33.554 33.653	24.833 24.995 25.241 25.429 25.693 25.774 25.855 26.029	25.275 25.485 25.778 26.014 26.229 26.379 26.498 26.498 26.757 26.889	24.830 24.992 25.238 25.427 25.594 25.691 25.771 25.852 25.940 26.026	313.6 298.2 274.7 256.8 240.8 231.8 224.3 216.8 208.7 200.7	3.230 3.538 3.823 4.090 4.338 4.575 4.803 5.024 5.236	89.0 89.3 89.7 89.8 90.0 90.1 90.1 90.1	1504.8 1500.7 1496.1 1492.6 1489.1 1488.4 1488.5 1488.8 1488.8 1488.9	162.8 196.5 233.2 272.5 314.5 358.8 405.4 454.3 505.3 558.4	82.7 289.8 252.3 195.9 73.3 66.8 108.4 92.6 86.7 52.2
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 218.9 228.9 238.8 248.8 258.7 268.6 278.6 288.5	9.154 8.891 8.770 8.593 8.502 8.445 8.341 8.274 8.167 8.087	9.132 8.869 8.747 8.569 8.477 8.419 8.314 8.246 8.139 8.057	33.715 33.781 33.823 33.873 33.914 33.935 33.974 33.996 34.019 34.036	26.091 26.184 26.237 26.303 26.350 26.375 26.421 26.449 26.483 26.508	26.996 27.135 27.233 27.346 27.438 27.509 27.601 27.675 27.754 27.825	26.088 26.181 26.233 26.299 26.346 26.371 26.417 26.445 26.479 26.504	195.0 186.3 181.5 175.3 171.0 168.8 164.5 162.0 158.9 156.7	5.639 5.829 6.013 6.192 6.365 6.535 6.702 7.025 7.182	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1488.9 1488.1 1487.9 1487.3 1487.3 1487.1 1486.8 1486.8	613.5 670.5 729.3 790.0 852.4 916.4 982.2 1049.6 1118.6 1189.1	40.2 87.9 62.1 62.6 31.6 41.0 47.7 47.4 15.2 26.0
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.4 308.4 318.3 328.2 338.1 348.1 358.0 367.9 377.9 387.8	8.097 8.134 7.891 7.857 7.651 7.524 7.417 7.254 7.259 7.199	8.067 8.103 7.859 7.824 7.618 7.490 7.382 7.218 7.223 7.161	34.070 34.094 34.071 34.096 34.097 34.104 34.108 34.112 34.119	26.534 26.547 26.565 26.590 26.639 26.660 26.669 26.689 26.703	27.896 27.954 28.019 28.090 28.167 28.232 28.299 28.364 28.420 28.480	26.529 26.543 26.560 26.585 26.616 26.634 26.655 26.674 26.684 26.698	154.5 153.4 151.7 149.6 146.6 145.0 143.1 141.4 140.6 139.4	7.338 7.492 7.644 7.795 7.943 8.089 8.233 8.375 8.375 8.656	90.2 90.3 90.3 90.3 90.3 90.3 90.3 90.3	1487.0 1487.3 1486.5 1485.9 1485.6 1485.4 1484.9 1485.1 1485.0	1261.2 1334.9 1410.0 1486.7 1564.8 1644.4 1725.4 1807.8 1891.7 1976.9	24.2 17.5 14.6 24.5 29.5 14.8 13.9 20.3 12.6
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0 490.0	397.7 407.6 417.5 427.5 437.4 447.3 457.2 467.2 477.1 487.0	7.045 6.984 6.866 6.722 6.491 6.386 6.305 6.243 6.150 6.095	7.007 6.945 6.827 6.683 6.451 6.346 6.264 6.201 6.108 6.052	34.119 34.121 34.123 34.126 34.125 34.129 34.132 34.132 34.141 34.145	26.724 26.734 26.752 26.774 26.803 26.820 26.833 26.842 26.860 26.871	28.548 28.664 28.668 28.737 28.815 28.878 28.938 28.938 29.057 29.114	26.719 26.729 26.746 26.769 26.798 26.815 26.828 26.836 26.835 26.865	137.4 136.5 134.9 132.9 130.0 128.5 127.3 126.5 124.8 123.9	8.794 8.931 9.067 9.201 9.333 9.462 9.590 9.717 9.842 9.967	90.3 90.3 90.4 90.3 90.3 90.3 90.4 90.4	1484.6 1484.5 1484.2 1483.8 1483.1 1482.8 1482.7 1482.6 1482.4 1482.3	2063.5 2151.5 2240.8 2331.4 2423.4 2516.6 2611.1 2706.9 2803.9 2902.1	14.7 9.8 9.4 17.3 22.3 30.2 17.0 18.4
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	496.9 506.8 516.8 526.7 536.6 546.5 556.4 566.3 576.2 586.2	6.013 5.883 5.846 5.731 5.703 5.628 5.509 5.489 5.349	5.970 5.839 5.801 5.686 5.657 5.582 5.462 5.382 5.300	34.149 34.148 34.155 34.159 34.186 34.191 34.189 34.201 34.207 34.208	26.885 26.899 26.910 26.927 26.952 26.965 26.978 26.990 27.002 27.012	29.174 29.236 29.293 29.358 29.428 29.487 29.548 29.605 29.664 29.721	26.879 26.894 26.904 26.922 26.946 26.959 26.972 26.984 26.996 27.007	122.7 121.2 120.4 118.7 116.5 115.3 114.0 113.0 111.9	10.090 10.212 10.333 10.453 10.570 10.686 10.801 10.914 11.027 11.138	90.4 90.3 90.4 90.3 90.4 90.4 90.4 90.4	1482.2 1481.8 1481.8 1481.5 1481.5 1481.2 1481.2 1481.2 1481.0	3001.6 3102.3 3204.2 3307.2 3411.5 3516.9 3623.4 3731.0 3839.8 3949.6	10.5 12.2 19.3 18.1 13.1 24.8 15.4 20.4
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0 690.0	596.1 606.0 615.9 625.8 635.7 645.6 655.5 665.4 675.3	5.145 4.919 4.799 4.759 4.721 4.685 4.663 4.656 4.6511 4.567	5.096 4.871 4.750 4.709 4.671 4.634 4.612 4.604 4.558 4.514	34.188 34.166 34.172 34.183 34.188 34.202 34.219 34.230 34.240	27.020 27.030 27.043 27.052 27.065 27.073 27.086 27.101 27.115 27.127	29.778 29.837 29.897 29.953 30.012 30.066 30.126 30.186 30.246 30.305	27.014 27.025 27.037 27.046 27.059 27.067 27.081 27.095 27.109 27.122	110.0 108.9 107.6 106.8 105.6 104.9 103.7 102.5 101.2 100.0	11.249 11.358 11.466 11.574 11.680 11.785 11.889 11.993 12.094 12.195	90.4 90.3 90.4 90.3 90.3 90.3 90.3	1480.3 1479.5 1479.2 1479.2 1479.2 1479.3 1479.5 1479.5	4060.6 4172.6 4285.8 4399.9 4515.1 4631.4 4748.7 4867.0 4986.4 5106.7	11.3 4.2 10.6 16.5 7.4 15.3 15.9 12.1 9.8 12.4
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.8 744.7 754.6 764.5 774.4 784.3	4.554 4.537 4.467 4.444 4.400 4.357 4.334 4.290 4.249 4.281	4.499 4.482 4.412 4.388 4.344 4.300 4.277 4.231 4.190 4.220	34.245 34.249 34.267 34.274 34.279 34.285 34.289 34.294 34.303 34.323	27.133 27.138 27.160 27.168 27.176 27.186 27.191 27.201 27.212 27.224	30.357 30.408 30.477 30.530 30.586 30.642 30.693 30.749 30.807 30.864	27.127 27.132 27.154 27.162 27.170 27.180 27.185 27.194 27.206 27.218	99.6 99.2 97.2 96.5 95.7 94.4 93.5 92.5	12.295 12.394 12.492 12.589 12.685 12.781 12.875 12.969 13.062 13.154	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1479.6 1479.7 1479.7 1479.7 1479.7 1479.7 1479.7 1479.7 1480.0	5228.0 5350.3 5473.5 5597.7 5722.9 5849.0 5976.1 6104.0 6232.9 6362.7	5.7 27.3 17.7 8.0 2.1 13.3 2.4 15.9 13.9
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.234 4.200 4.249 4.206 4.159 4.117 4.108 4.057 4.059 4.065	4.174 4.139 4.187 4.143 4.095 4.053 4.043 3.991 3.993 3.999	34.328 34.336 34.361 34.366 34.374 34.376 34.384 34.392 34.402 34.412	27.234 27.243 27.258 27.267 27.278 27.285 27.292 27.304 27.311 27.319	30.920 30.976 31.035 31.091 31.149 31.202 31.254 31.313 31.367 31.419	27.227 27.237 27.251 27.260 27.271 27.278 27.285 27.285 27.297 27.304 27.312	89.7 88.6 87.7 86.7 86.1 85.5 84.4 83.8	13.245 13.335 13.424 13.512 13.599 13.686 13.772 13.857 13.941 14.024	90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2	1480.0 1480.1 1480.5 1480.5 1480.4 1480.4 1480.5 1480.7 1480.9	6493.4 6625.0 6757.4 6890.7 7160.0 7295.9 7432.6 7570.1 7708.5	10.4 -2.5 18.6 8.6 10.4 9.5 4.8 12.2
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.5 962.4 972.3 982.2	4.039 3.991 3.975 3.961 3.949 3.922 3.908 3.814 3.771	3.971 3.923 3.906 3.891 3.878 3.852 3.837 3.807 3.741 3.698	34.417 34.421 34.425 34.425 34.433 34.437 34.440 34.446 34.443	27.326 27.334 27.337 27.340 27.348 27.353 27.358 27.365 27.370 27.375	31.472 31.527 31.576 31.625 31.679 31.731 31.781 31.835 31.886 31.939	27.319 27.327 27.330 27.333 27.341 27.346 27.351 27.358 27.362 27.368	81.8 81.6 81.3 80.7 80.2 79.8 79.2 78.7	14.107 14.189 14.271 14.352 14.433 14.514 14.594 14.673 14.752 14.831	90.2 90.1 90.1 90.2 90.2 90.1 90.1 90.2 90.2	1481.0 1480.9 1481.0 1481.1 1481.3 1481.3 1481.4 1481.4	7847.7 7987.7 8128.5 8270.1 8412.5 8555.7 8699.7 8844.4 8999.9 9136.2	5.2 6.0 3.7 5.2 3.1 2.5 7.5 10.8

Station	24	Latitude	32* 45.	67'N	Longitu	de 127°	55.96'W	28	Apr 1991	GMT	1:23	Bottom	
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn. Ht	LTR		m ³ /s ²	N ² 10 ⁶ /s ²
db 1000.0	m 992.1	°C 3.748	°C 3.674	0/00 34.447	kg/m ³ 27,380	kg/m ³	kg/m ³	10 ⁸ m ³ /kg		0/0 90.1		m ² /s ² 9283.3	11.0
1020.0	1011.9	3.715	3.640	34,455	27.389	31.990 32.091	27.372 27.382	77.7 77.0	14.909 15.063	90.2	1481.6	9579.7	11.6
1040.0 1060.0	1031.7 1051.4	3.666 3.631	3.590 3.553	34.463 34.469	27.400 27.409	32.195 32.296	27.393 27.402	76.0 75.2	15.216 15.367	90.2 90.1		9879.1 10181.6	4.9 4.3
1080.0	1071.2	3.589	3.510	34.475	27.418	32.397	27.410	74.4	15.517	90.1	1482.1	10486.9	8.2
1100.0 1120.0	1091.0 1110.8	3.559 3.524	3.479 3.443	34.481 34.484	27.426 27.432	32.497 32.595	27.418 27.424	73.8 73.3	15.665 15.812	90.1		10795.2 11106.3	8.2 2.3
1140.0 1160.0	1130.5	3.487	3,404	34.488	27.438	32.693	27.430	72.8	15.958	90.2	1482.7	11420.3	5.0
1180.0	1150.3 1170.1	3.439 3.387	3.355 3.301	34.493 34.499	27.447 27.457	32.794 32.897	27.439 27.449	72.0 71.1	16.103 16.246	90.1 90.1		11737.2 12056.8	2.6 3.5
1200.0 1220.0	1189.8 1209.6	3.355 3.317	3.268	34.502	27.463	32.995	27.455	70.6	16.388	90.1	1483.1	12379.3	5.9
1240.0	1229.3	3.282	3.229 3.193	34.508 34.513	27.471 27.478	33.096 33.194	27.463 27.470	69.8 69.2	16.528 16.667	90.2 90.2		12704.5 13032.4	4.7
1260.0 1280.0	1249.1 1268.8	3.254 3.197	3.163	34.517 34.519	27.484	33.292	27.476	68.8	16.805	90.1	1483.7	13363.0	5.6
1300.0	1288.6	3.164	3.105 3.071	34.524	27.492 27.498	33.392 33.491	27.483 27.490	68.1 67.5	16.942 17.077	90.1 90.1	1484.0	13696.3 14032.3	4.7 1.8
1320.0 1340.0	1308.3 1328.1	3.128 3.080	3.034 2.984	34.526 34.531	27.504 27.513	33.589 33.690	27.495	67.0	17.212 17.345	90.1	1484.2 1484.3	14370.9	5.9
1360.0	1347.8	3.027	2.931	34.536	27.521	33.791	27.504 27.513	66.2 65.3	17.476	90.1	1484.4	15055.8	2.4 9.2 .7
1380.0	1367.6	2.977	2.879	34.541	27.530	33.892	27.521	64.5	17.606	90.1	1484.6	15402.1	
1400.0 1420.0	1387.3 1407.1	2.936 2.890	2.837 2.790	34.544 34.548	27.536 27.544	33.991 34.091	27.527 27.535	63.9 63.2	17.735 17.861	90.1 90.2	1484.7 1484.9	15751.0 16102.3	1.3
1440.0	1426.8	2.854	2.753	34.551	27.549	34.188	27.540	62.7	17.987	90.1	1485.0	16456.1	6.3
1460.0 1480.0	1446.5 1466.3	2.832 2.794	2.730 2.690	34.554 34.557	27.553 27.560	34.284 34.383	27.544 27.550	62.3 61.8	18.112 18.236	90.1 90.1		16812.3 17171.0	2.5 5.7
1500.0	1486.0	2.761	2.656	34.560	27.564	34.480	27.555	61.3	18.359	90.1	. 1485.7	17532.0	1.0
1520.0 1540.0	1505.7 1525.4	2.726 2.698	2.619 2.590	34.562 34.564	27.569 27.573	34.577 34.673	27.560 27.564	60.8 60.5	18.482 18.603	90.1 90.1	1485.8 1486.1	17895.4 18261.2	6.9 4.6
1560.0	1545.2	2.669	2.560	34.568	27.579	34.770	27.570	60.0	18.723	90.2	1486.3	18629.4	1.1
1580.0 1600.0	1564.9 1584.6	2.645	2.534	34.572	27.585	34.868	27.575	59.5	18.843	90.1	1486.5	18999.9	4.3
1620.0	1604.3	2.583 2.566	2.471 2.453	34.575 34.576	27.592 27.595	34.968 35.062	27.583 27.585	58.6 58.5	18.961 19.078	90.2 90.1	1486.6 1486.8	19372.7 19747.7	2.6 1.4
1640.0 1660.0	1624.1 1643.8	2.523 2.500	2.409 2.385	34.578 34.579	27.600 27.603	35.159 35.254	27.590 27.593	57.9 57.7	19.195 19.310	90.1	1487.0	20125.1	4.9
1680.0	1663.5	2.469	2.353	34.582	27.608	35.351	27.598	57.2	19.425	90.1 90.1	1487.4	20504.6 20886.5	1.4 4.7
1700.0 1720.0	1683.2 1702.9	2.433 2.409	2.316 2.290	34.589 34.591	27.617 27.621	35.452 35.548	27.607 27.611	56.3 56.0	19.538 19.651	90.2 90.1	1487.6 1487.8	21270.5 21656.7	5.3 .9
1740.0	1722.6	2.384	2.263	34.594	27.625	35.643	27.615	55.6	19.762	90.2	1488.1	22045.1	6.2
1760.0 1780.0	1742.3 1762.0	2.346 2.325	2.224 2.202	34.597 34.599	27.631 27.634	35.741 35.836	27.621 27.624	55.0 54.7	19.873 19.983	90.1 90.2	1488.2 1488.5	22435.6 22828.3	2.1 2.1
1800.0	1781.7	2.310	2.186	34.600	27.636	35.929	27.626	54.5	20.092	90.1	1488.8	23223.1	3.3
1820.0	1801.4	2.281	2.156	34.602	27.641	36.025	27.630	54.1	20.200	90.2	1489.0	23620.0	.6
1840.0 1860.0	1821.1 1840.8	2.262 2.238	2.135 2.109	34.604 34.606	27.644 27.648	36.119 36.215	27.633 27.637	53.9 53.5	20.308 20.416	90.2	1489.2 1489.5	24019.0 24420.0	2.7 2.1
1880.0	1860.5	2.211	2.081	34.609	27.652	36.311	27.641	53.1	20.522	90.2	1489.7	24823.2	1.9
1900.0 1920.0	1880.2 1899.9	2.170	2.062 2.037	34.610 34.612	27.654 27.658	36.404 36.500	27.644 27.648	52.8 52.5	20.628 20.734	90.2 90.1	1489.9 1490.2	25228.4 25635.6	1.6 5
1940.0 1960.0	1919.6 1939.3	2.151 2.134	2.017 1.998	34.614 34.615	27.661	36.593	27.650	52.2	20.838	90.2	1490.4	26044.9	3.4
1980.0	1959.0	2.123	1.986	34.618	27.664 27.667	36.687 36.780	27.653 27.656	52.0 51.8	20.943 21.046	90.2 90.2	1490.7 1491.0	26456.1 26869.4	3.1 2.5
2000.0	1978.7	2.103	1.965	34.618	27.669	36.874	27.658	51.6	21.150	90.1	1491.2	27284.7	1.9
2050.0 2096.0	2027.8 2073.1	2.059 2.015	1.918 1.870	34.623 34.627	27.676 27.683	37.109 37.325	27.665 27.672	50.9 50.3	21.406 21.638	90.2 90.1	1491.9 1492.5	28331.6 29305.6	4.6

Station		Latitude			•	de 128°		28	-			Bottom	
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	$10^8 m^3/kg$	•	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
-0 10.0 20.0 30.0 40.0 50.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.275 15.276 15.276 14.528 14.537 14.537 14.636 14.814 14.987 15.308	15.275 15.274 15.022 14.544 14.531 14.571 14.627 14.804 14.975 15.295	33.227 33.238 33.252 33.230 33.230 33.258 33.280 33.345 33.409 33.528	24.546 24.555 24.620 24.706 24.709 24.727 24.727 24.727 24.751 24.774	24.546 24.599 24.708 24.886 24.886 24.992 25.049 25.104 25.171	24.546 24.555 24.619 24.705 24.707 24.721 24.725 24.737 24.749 24.771	338.0 337.4 331.6 323.7 322.7 322.7 322.5 321.6 320.8 319.0	.000 .338 .674 1.001 1.324 1.647 1.970 2.292 2.614 2.934	0000000000	1506.1 1506.3 1504.3 1504.4 1504.7 1505.1 1505.9 1506.7 1508.0	.0 1.7 6.7 15.1 26.7 41.5 59.5 80.7 105.1 132.8	.0 3.7 121.9 5.0 7.4 7.7 6.5 17.4 19.8 29.0
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.1	14.950 14.497 13.496 12.319 10.670 9.904 9.675 9.542 9.410 9.346	14.935 14.481 13.479 12.302 10.654 9.887 9.658 9.524 9.391 9.325	33.509 33.489 33.407 33.222 33.065 33.178 33.289 33.432 33.559 33.629	24.838 24.920 25.063 25.151 25.330 25.549 25.673 25.807 25.928 25.993	25.279 25.406 25.596 25.732 25.960 26.225 26.326 26.575 26.742 26.852	24.834 24.916 25.060 25.148 25.327 25.545 25.670 25.804 25.925 25.990	313.2 305.7 292.1 283.7 266.4 245.7 234.0 221.5 210.2 204.2	3.250 3.561 3.860 4.147 4.422 4.680 4.921 5.149 5.364 5.572	00000000000	1507.0 1505.7 1502.5 1498.4 1492.6 1490.1 1489.5 1489.3 1489.3	163.5 197.5 234.4 274.3 316.9 362.2 410.0 460.1 512.3 566.7	45.9 95.9 161.6 21.4 71.4 133.4 197.2 155.0 59.5 73.0
200.0 210.0 220.0 230.0 240.0 250.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.8 248.8 258.7 268.6 278.6 288.5	9.296 9.194 9.134 8.677 8.633 8.441 8.074	9.274 9.172 9.111 8.950 8.652 8.6607 8.414 8.248 8.046 7.990	33.680 33.785 33.827 33.896 33.929 33.948 33.963 33.991 33.996 34.019	26.041 26.140 26.182 26.262 26.335 26.356 26.397 26.444 26.479 26.505	26.945 27.089 27.177 27.302 27.422 27.489 27.576 27.670 27.751 27.823	26.038 26.136 26.178 26.258 26.331 26.352 26.393 26.440 26.475 26.501	199.8 190.6 186.8 179.4 172.5 176.8 166.8 162.5 159.3 157.0	5.774 5.969 6.157 6.339 6.516 6.688 6.856 7.021 7.182 7.340	00000000000	1489.4 1489.3 1488.9 1488.0 1488.0 1487.5 1487.1 1486.5 1486.4	623.1 681.5 741.7 803.8 867.7 933.3 1000.6 1069.5 1140.0 1212.2	83.2 73.6 34.3 27.0 93.1 33.7 10.2 53.8 24.5 11.9
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	7.762 7.662 7.589 7.389 7.287 7.235 7.163 7.000 6.914 6.666	7.733 7.632 7.558 7.357 7.254 7.202 7.129 6.966 6.879 6.631	34.008 34.012 34.031 34.025 34.019 34.034 34.037 34.035 34.036 34.018	26.534 26.552 26.578 26.601 26.630 26.642 26.664 26.676 26.695	27.899 27.962 28.034 28.104 28.160 28.226 28.2284 28.352 28.411 28.477	26.530 26.548 26.573 26.597 26.606 26.625 26.638 26.659 26.671 26.690	154.2 152.7 150.3 148.1 147.3 145.6 144.6 142.5 141.5 139.6	7.496 7.649 7.801 7.950 8.098 8.244 8.389 8.533 8.675 8.815	00000000000	1485.6 1485.4 1485.7 1484.7 1484.4 1484.3 1483.8 1483.6 1482.8	1285.8 1361.0 1437.8 1515.9 1595.6 1676.7 1759.3 1843.3 1928.7 2015.5	5.7 56.7 28.8 14.4 10.9 5.1 16.5 30.5 40.7 24.3
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0 490.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1 487.0	6.550 6.403 6.321 6.241 6.171 6.102 6.023 5.964 5.873 5.818	6.514 6.366 6.284 6.203 6.132 6.063 5.983 5.923 5.832 5.777	34.014 34.016 34.026 34.031 34.034 34.038 34.055 34.055 34.065 34.079	26.708 26.729 26.747 26.761 26.773 26.805 26.805 26.835 26.835	28.537 28.604 28.669 28.730 28.788 28.846 28.913 28.970 29.036 29.100	26.703 26.724 26.742 26.756 26.780 26.800 26.811 26.830 26.848	138.5 136.5 134.8 133.6 132.5 131.5 129.6 128.6 126.9 125.2	8.954 9.091 9.227 9.361 9.494 9.626 9.756 9.785 10.014	00000000000	1482.5 1482.1 1481.9 1481.8 1481.7 1481.6 1481.4 1481.3 1481.2 1481.1	2103.7 2193.2 2284.1 2376.4 2469.9 2564.8 2660.9 2758.3 2857.1 2957.0	35.4 35.7 3.7 6.4 12.5 21.6 12.5 1.4 14.8 37.7
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	496.9 506.9 516.8 526.7 536.5 556.4 576.3 586.2	5.730 5.607 5.482 5.348 5.320 5.275 5.255 5.228 5.165 5.201	5.688 5.564 5.439 5.305 5.276 5.231 5.209 5.181 5.118 5.154	34.082 34.086 34.081 34.083 34.092 34.112 34.112 34.122 34.135 34.136 34.153	26.866 26.884 26.895 26.913 26.924 26.955 26.955 26.968 26.977 26.987	29.160 29.225 29.283 29.349 29.405 29.529 29.529 29.588 29.643 29.698	26.861 26.879 26.890 26.908 26.919 26.940 26.950 26.963 26.971 26.981	124.0 122.3 121.3 119.5 118.6 116.7 115.8 114.6 113.9 113.1	10.265 10.388 10.509 10.630 10.749 10.866 10.983 11.098 11.212 11.326	00000000000	1480.9 1480.6 1480.2 1479.9 1479.9 1479.9 1480.0 1480.1 1480.0 1480.3	3058.2 3160.6 3264.3 3369.1 3582.2 3690.6 3800.0 3910.6 4022.3	25.7 21.5 8.6 18.9 9.5 12.4 9.5 12.7 9.2
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0 690.0	596.1 606.0 615.9 625.8 635.7 655.6 665.5 675.4 685.3	5.161 5.148 5.094 4.981 4.957 4.823 4.767 4.731 4.709	5.112 5.099 5.044 4.931 4.905 4.825 4.771 4.714 4.678 4.655	34.167 34.185 34.185 34.196 34.209 34.224 34.232 34.245 34.245	27.002 27.014 27.024 27.038 27.049 27.069 27.086 27.099 27.113 27.131	29.759 29.817 29.874 29.935 29.992 30.059 30.122 30.182 30.242 30.306	26.996 27.008 27.019 27.032 27.043 27.063 27.080 27.093 27.107 27.125	111.8 110.8 109.8 108.5 107.5 105.7 104.1 102.8 101.6 100.0	11.438 11.550 11.660 11.769 11.877 11.984 12.089 12.192 12.294 12.395	00000000000	1480.4 1480.5 1480.4 1480.1 1480.2 1480.1 1480.0 1480.0 1480.0	4135.2 4249.1 4364.1 4480.2 4597.4 4715.6 4834.9 4955.2 5076.5 5198.8	1.9 15.7 17.7 12.1 23.9 13.3 20.0 9.8 6.0 24.4
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.681 4.612 4.540 4.519 4.505 4.446 4.424 4.427 4.393 4.396	4.626 4.556 4.485 4.448 4.388 4.366 4.333 4.333	34.276 34.273 34.277 34.283 34.296 34.300 34.304 34.311 34.321 34.335	27.143 27.149 27.160 27.167 27.179 27.189 27.194 27.202 27.211 27.222	30.365 30.417 30.475 30.528 30.586 30.643 30.694 30.748 30.803 30.859	27.137 27.143 27.153 27.161 27.173 27.182 27.188 27.196 27.205 27.215	98.9 98.3 97.3 96.7 95.6 94.8 93.6 92.8 91.9	12.495 12.593 12.691 12.788 12.884 12.979 13.074 13.168 13.261 13.354	0000000000	1480.2 1480.0 1479.9 1480.0 1480.1 1480.1 1480.2 1480.4 1480.5	5322.1 5446.4 5571.6 5697.8 5824.9 5953.0 6082.0 6212.0 6342.8 6474.6	10.1 6.0 8.0 6.3 3.3 5.4 13.6 6.9 6.6 7.8
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.319 4.299 4.282 4.281 4.229 4.203 4.189 4.169 4.137 4.106	4.258 4.238 4.220 4.218 4.165 4.139 4.123 4.103 4.070 4.039	34.337 34.346 34.352 34.365 34.369 34.377 34.380 34.385 34.393	27.232 27.241 27.247 27.258 27.267 27.276 27.280 27.286 27.296 27.303	30.917 30.972 31.024 31.081 31.136 31.191 31.241 31.293 31.349 31.403	27.226 27.235 27.241 27.252 27.261 27.269 27.273 27.279 27.289 27.296	90.9 90.1 89.6 88.7 87.9 87.1 86.3 85.4 84.7	13.445 13.536 13.626 13.715 13.803 13.891 13.978 14.064 14.150 14.235	00000000000	1480.4 1480.5 1480.6 1480.8 1480.8 1480.9 1481.0 1481.0	6607.3 6740.8 6875.3 7010.6 7146.8 7283.9 7421.8 7560.6 7700.2 7840.7	9.5 1.3 5.1 13.9 13.3 9.2 3.1 1.9 8.1
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0 990.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.068 4.030 4.015 3.970 3.922 3.890 3.858 3.797 3.770	4.000 3.961 3.945 3.900 3.852 3.820 3.787 3.764 3.725 3.697	34.406 34.412 34.427 34.425 34.428 34.433 34.437 34.441 34.441	27.314 27.323 27.328 27.336 27.344 27.350 27.357 27.362 27.369 27.374	31.460 31.515 31.566 31.621 31.676 31.728 31.782 31.833 31.887 31.938	27.307 27.316 27.321 27.329 27.337 27.343 27.350 27.355 27.362 27.362	83.7 82.9 82.5 81.7 81.0 80.4 79.8 79.3 78.7	14.319 14.403 14.485 14.567 14.649 14.729 14.809 14.889 14.968 15.047		1481.1 1481.2 1481.2 1481.2 1481.2 1481.2 1481.3 1481.3	7982.0 8124.1 8267.0 8410.7 8555.2 8706.6 8846.7 8993.6 9141.2 9289.7	8.4 11.3 4.3 7.5 9.0 9.6 3.7 10.2 4.0 5.5

Station	25	Latitude	32° 31.	81'N	Longitu	de 128°	02.14'W	28	Apr 1991	GMT	4:34	Bottom	5180 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t		Dyn.Ht	LTR	. sv	m ³ /s ²	N ²
đb	m	•c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	$10^8 m^3/kg$	J/kg	0/0	m/a	m ³ /s ²	10 ⁶ /s ²
1000.0	992.2	3.766	3.692	34.451	27.381	31.990	27.373	77.7	15.125	.0		9438.9	11.6
1020.0 1040.0	1011.9 1031.7	3.688 3.656	3.613 3.579	34.456 34.461	27.392 27.400	32.095 32.194	27.385 27.392	76.6 76.0	15.279 15.432	.0		9739.6 10043.3	15.4 10.2
1060.0	1051.5	3.603	3.526	34.468	27.410	32.298	27.403	75.0	15.583	.0	1481.8	10349.9	2.6
1080.0	1071.3	3.543	3.464	34.478	27.425	32.405	27.417	73.7	15.731	.0	1481.9	10659.5	6.4
1100.0 1120.0	1091.0 1110.8	3.507 3.470	3.427 3.388	34.487 34.491	27.435 27.442	32.507 32.607	27.427 27.435	72.8 72.2	15.878 16.023	.0		10972.0 11287.4	1.4 2.3
1140.0	1130.6	3.418	3.336	34.497	27.452	32.709	27.444	71.3	16.167	.ŏ		11605.5	4.1
1160.0 1180.0	1150.3	3.372	3.289	34.502	27.461	32.810	27.453	70.5	16.309	.0	1482.6	11926.5	7.0
	1170.1	3.320	3.235	34.507	27.470	32.912	27.462	69.7	16.449	.0		12250.2	7.3
1200.0 1220.0	1189.8 1209.6	3.277 3.236	3.191 3.149	34.512 34.517	27.478	33.012	27.470	69.0	16.588 16.725	.0	1482.8	12576.6	4.4
1240.0	1229.4	3.195	3.107	34.521	27.486 27.493	33.112 33.212	27.477 27.485	68.3 67.6	16.725	.0	1483.0 1483.2	12905.7 13237.5	1.5 7.0
1260.0	1249.1	3.164	3.074	34.524	27.499	33.309	27.490	67.2	16.996	.ŏ	1483.4	13572.0	ě
1280.0 1300.0	1268.9	3.118	3.027	34.529	27.507	33.410	27.498	66.4	17.130	.0	1483.5	13909.0	4.1
1320.0	1288.6 1308.4	3.094 3.066	3.001 2.972	34.531 34.533	27.510 27.515	33.505 33.602	27.502 27.506	66.1 65.8	17.262 17.394	.0	1483.7 1483.9	14248.7 14590.9	3.3 2.4
1340.0	1328.1	3.039	2.944	34.535	27.519	33.698	27.510	65.4	17.525	:ŏ	1484.2	14935.7	3.0
1360.0	1347.9	2.990	2.893	34.540	27.528	33.799	27.519	64.6	17.656	.0	1484.3	15283.0	5.1 5.7
1380.0	1367.6	2.958	2.860	34.543	27.533	33.896	27.524	64.1	17.784	.0	1484.5	15632.9	
1400.0 1420.0	1387.4 1407.1	2.932 2.905	2.833 2.805	34.546 34.549	27.538 27.543	33.993	27.529	63.7	17.912	.0	1484.7	15985.2	1.3
1440.0	1426.8	2.872	2.771	34.552	27.543	34.090 34.187	27.534 27.539	63.3 62.8	18.039 18.166	.0	1484.9 1485.1	16340.1 16697.4	3.9 5.4
1460.0	1446.6	2.845	2.743	34.554	27.552	34.283	27.543	62.5	18.291	.ŏ		17057.1	3.1
1480.0	1466.3	2.801	2.697	34.559	27.560	34.383	27.551	61.7	18.415	.0	1485.5	17419.3	2.2
1500.0 1520.0	1486.0 1505.8	2.761 2.722	2.656 2.616	34.562 34.566	27.566 27.573	34.482 34.580	27.557	61.1	18.538	.0		17783.9	7.5
1540.0	1525.5	2.687	2.579	34.569	27.578	34.580	27.563 27.569	60.5 60.0	18.660 18.780	.0		18150.8 18520.1	3.7
1560.0	1545.2	2.667	2.558	34.570	27.581	34.772	27.572	59.8	18.900	.ŏ		18891.8	i
1580.0	1564.9	2.653	2.543	34.571	27.583	34.865	27.574	59.7	19.020	.0	1486.5	19265.8	.8
1600.0	1584.7	2.618	2.507	34.574	27.589	34.963	27.579	59.1	19.139	.0	1486.7	19642.1	2.0
1620.0 1640.0	1604.4 1624.1	2.593 2.563	2.480 2.448	34.576	27.592	35.058	27.583	58.8	19.257	٠,	1487.0	20020.7	4.3
1660.0	1643.8	2.517	2.402	34.579 34.582	27.597 27.604	35.155 35.255	27.588 27.594	58.3 57.6	19.374 19.490	.0		20401.5 20784.6	6 6.1
1680.0	1663.5	2,490	2.374	34.584	27.608	35.350	27.598	57.3	19.604	.ŏ	1487.5	21170.0	4.4
1700.0	1683.3	2.454	2.336	34.588	27.614	35.448	27.604	56.7	19.718	.0	1487.7	21557.6	.3
1720.0 1740.0	1703.0 1722.7	2.432 2.402	2.313 2.281	34.589 34.591	27.617 27.621	35.542 35.639	27.607 27.611	56.5 56.0	19.831	.0	1487.9 1488.1	21947.4 22339.3	3.5 2.6
1760.0	1742.4	2.381	2.259	34.594	27.625	35.734	27.615	55.7	20.055	.ŏ	1488.4	22733.4	2.6
1780.0	1762.1	2.349	2.226	34.596	27.630	35.831	27.620	55.2	20.166	.o	1488.6	23129.7	3.3
1800.0	1781.8	2.322	2.197	34.598	27.634	35.926	27.624	54.8	20.276	.0	1488.8	23528.1	1.5
1820.0 1840.0	1801.5 1821.2	2.294 2.272	2.168 2.145	34.601 34.603	27.639 27.642	36.022 36.117	27.628 27.632	54.4	20.385	.0	1489.0	23928.7	2
1860.0	1840.9	2.249	2.120	34.605	27.646	36.212	27.632	54.1 53.7	20.494 20.602	.0	1489.3 1489.5	24331.3 24736.0	1.5 6.5
1880.0	1860.6	2.228	2.098	34.606	27.649	36.306	27.638	53.5	20.709	• •0	1489.8	25142.8	2.2
1900.0	1880.3	2.206	2.075	34.609	27.652	36.402	27.642	53.1	20.815	.0	1490.0	25551.7	5.4
1920.0 1940.0	1900.0 1919.7	2.186 2.172	2.053 2.037	34.611 34.612	27.656 27.658	36.496 36.589	27.645 27.647	52.8 52.6	20.921 21.027	.0	1490.2 1490.5	25962.7 26375.6	.1 .4
1960.0	1939.3	2.150	2.015	34.614	27.662	36,684	27.651	52.3	21.132	:0	1490.8	26790.6	2.8
1980.0	1959.0	2.137	2.000	34.615	27.663	36.777	27.653	52.2	21.236	.ō	1491.0	27207.7	.5
2000.0	1978.7	2.112	1.974	34.619	27.669	36.873	27.657	51.7	21.340	.0	1491.3	27626.7	3.7
2050.0	2027.9	2.073	1.931	34.622	27.674	37.106	27.663	51.2	21.597	.0	1491.9	28683.0	4
2096.0	2073.2	2.034	1.889	34.625	27.680	37.321	27.669	50.7	21.832	.0	1492.6	29665.8	.0

Station		Latitude	32. 18.		•	ide 128°			Apr 1991			Bottom	
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	10 ⁸ m ³ /kg	_	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
20.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.794 15.807 15.807 15.753 15.682 15.672 15.673 15.685 15.455	15.794 15.805 15.804 15.803 15.747 15.663 15.502 15.673 15.441	33.457 33.456 33.459 33.494 33.571 33.604 33.593 33.697 33.670	24.608 24.604 24.608 24.647 24.723 24.750 24.778 24.820 24.850	24.608 24.648 24.740 24.823 24.823 25.014 25.086 25.172 25.247	24.608 24.605 24.607 24.646 24.721 24.748 24.776 24.817 24.847	332.1 332.7 333.0 333.1 329.6 322.7 320.4 318.1 314.4 311.8	.000 .332 .665 .998 1.330 1.656 1.977 2.297 2.613 2.926	00000000000	1508.0 1508.2 1508.5 1508.6 1508.6 1508.8 1508.4 1509.3 1508.7	.0 1.7 6.6 14.9 26.5 41.4 59.5 80.8 105.2	-1.8 5.6 9.1 67.6 19.6 20.5 17.3 28.4
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.1	15.113 14.840 13.024 12.643 11.436 10.741 10.298 9.844 9.610 9.406	15.099 14.824 13.007 12.626 11.418 10.279 9.825 9.590 9.385	33.678 33.729 33.445 33.462 33.381 33.385 33.389 33.425 33.467 33.584	24.932 25.031 25.187 25.275 25.440 25.567 25.647 25.752 25.823 25.948	25.373 25.516 25.721 25.855 26.067 26.368 26.368 26.636 26.807	24.929 25.028 25.184 25.272 25.437 25.564 25.644 25.749 25.820 25.945	304.3 295.2 280.2 272.0 256.3 244.2 236.7 226.8 220.1 208.5	3.234 3.535 3.824 4.101 4.364 4.613 4.854 5.086 5.309 5.523	00000000000	1507.8 1507.1 1501.0 1499.9 1495.7 1493.4 1492.0 1490.6 1489.9 1489.5	163.5 197.2 233.8 273.3 315.4 360.1 407.1 456.6 508.3 562.1	66.7 92.5 111.1 302.3 157.4 60.6 73.4 100.3 151.2 112.2
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.6 278.6 288.5	9.352 9.140 9.194 8.982 8.722 8.671 8.429 8.378 8.200 8.115	9.330 9.118 9.170 8.957 8.697 8.645 8.402 8.350 8.172 8.086	33.706 33.725 33.783 33.863 33.918 33.947 33.977 33.975 33.992	26.052 26.102 26.138 26.235 26.319 26.350 26.410 26.417 26.457 26.471	26.956 27.051 27.133 27.276 27.406 27.482 27.589 27.642 27.728 27.788	26.049 26.098 26.135 26.231 26.315 26.346 26.406 26.403 26.452 26.467	198.8 194.2 191.0 181.9 174.1 171.3 165.6 165.1 161.5	5.726 5.922 6.115 6.301 6.480 6.652 6.821 6.986 7.149 7.310	00000000000	1489.6 1489.0 1489.4 1488.2 1488.2 1487.5 1487.4 1486.9	618.1 675.9 735.8 797.5 861.0 926.2 993.2 1061.7 1132.0 1203.8	80.0 8.0 59.5 39.3 82.6 17.0 34.2 16.4 11.4 17.8
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	7.924 7.755 7.704 7.489 7.312 7.152 6.985 6.603 6.488 6.418	7.894 7.724 7.673 7.457 7.280 7.119 6.951 6.570 6.454 6.383	34.000 34.001 34.029 34.024 34.008 34.008 34.015 34.015 34.016	26.504 26.530 26.560 26.587 26.598 26.620 26.645 26.701 26.716 26.726	27.868 27.940 28.015 28.089 28.148 28.216 28.288 28.393 28.455 28.511	26.500 26.525 26.555 26.582 26.616 26.640 26.640 26.712 26.722	157.2 154.8 152.1 149.6 148.5 144.5 144.2 137.3 136.4	7.469 7.625 7.778 7.929 8.078 8.226 8.371 8.511 8.549 8.786	00000000000	1486.2 1485.7 1485.7 1485.1 1484.5 1484.0 1483.6 1482.2 1481.9 1481.8	1277.2 1352.1 1428.6 1506.6 1586.0 1667.0 1749.4 1833.2 1918.3 2004.9	23.0 60.2 40.9 17.4 3.3 35.8 73.0 35.4 1 18.1
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.6 417.6 427.5 437.4 447.3 467.2 477.1 487.0	6.311 6.195 6.089 6.023 5.937 5.842 5.777 5.684 5.662 5.607	6.276 6.159 6.053 5.985 5.899 5.804 5.738 5.645 5.622 5.566	34.021 34.031 34.041 34.048 34.050 34.051 34.053 34.058 34.066 34.076	26.744 26.767 26.788 26.802 26.815 26.827 26.837 26.852 26.856 26.876	28.576 28.645 28.713 28.773 28.833 28.891 28.947 29.065 29.126	26.740 26.762 26.784 26.798 26.810 26.823 26.832 26.832 26.8357 26.871	134.8 132.7 130.7 129.5 128.3 127.2 126.4 124.9 124.9 122.8	8.922 9.056 9.188 9.318 9.447 9.575 9.701 9.827 9.952	00000000000	1481.6 1481.3 1481.0 1480.9 1480.7 1480.5 1480.4 1480.2 1480.3 1480.3	2092.7 2182.0 2272.5 2364.3 2457.4 2551.8 2647.4 2744.2 2842.4 2941.7	9.6 20.7 11.6 16.3 11.3 6.9 25.0 11.3
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.5 546.5 556.4 576.3 586.2	5.442 5.310 5.247 5.236 5.203 5.139 5.052 5.080 5.042 4.925	5.401 5.269 5.205 5.193 5.159 5.095 5.007 5.034 4.996 4.878	34.071 34.089 34.095 34.107 34.107 34.110 34.115 34.145 34.154 34.155	26.892 26.922 26.934 26.945 26.959 26.959 26.973 26.994 27.006 27.019	29.189 29.266 29.325 29.382 29.488 29.550 29.615 29.673 29.735	26.887 26.917 26.929 26.940 26.954 26.954 26.968 27.000 27.014	121.3 118.4 117.3 116.4 116.1 115.2 113.8 112.1 111.0 109.6	10.197 10.317 10.435 10.552 10.668 10.784 10.898 11.011 11.122 11.233	00000000000	1479.7 1479.4 1479.3 1479.5 1479.4 1479.2 1479.5 1479.5 1479.5	3042.2 3144.0 3246.9 3350.9 3456.1 3562.5 3670.0 3778.6 3888.3 3999.1	16.2 15.9 26.1 8.0 2.1 28.8 27.3 9.8 8.3 14.1
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0 690.0	596.1 606.0 615.9 625.8 635.8 645.7 655.6 665.5 675.4 685.3	5.049 4.902 4.838 4.793 4.781 4.743 4.676 4.639 4.531 4.511	5.001 4.853 4.789 4.744 4.731 4.692 4.624 4.587 4.478 4.458	34.198 34.197 34.225 34.239 34.246 34.254 34.266 34.267 34.277	27.039 27.052 27.063 27.090 27.103 27.112 27.127 27.140 27.153 27.163	29.798 29.859 29.917 29.990 30.049 30.104 30.165 30.225 30.285 30.342	27.034 27.046 27.057 27.085 27.097 27.107 27.121 27.134 27.147 27.157	108.1 106.8 105.8 103.3 102.2 101.3 100.0 98.8 97.5 96.6	11.342 11.449 11.555 11.660 11.762 11.864 11.965 12.064 12.163 12.260	00000000000	1479.9 1479.5 1479.4 1479.6 1479.6 1479.5 1479.5 1479.2 1479.3	4111.0 4224.0 4338.0 4453.0 4569.1 4686.1 4804.2 4923.2 5043.3 5164.2	17.1 3.3 14.4 20.6 6.5 15.0 14.1 11.2 2.7 16.8
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.8 734.8 744.7 754.6 764.5 774.4 784.3	4.489 4.473 4.446 4.456 4.365 4.333 4.299 4.274 4.259	4.436 4.418 4.391 4.400 4.373 4.308 4.275 4.240 4.215 4.199	34.293 34.295 34.305 34.316 34.325 34.330 34.333 34.333	27.178 27.181 27.192 27.194 27.202 27.217 27.224 27.231 27.241 27.249	30.402 30.452 30.509 30.556 30.611 30.672 30.726 30.779 30.835 30.889	27.172 27.175 27.186 27.188 27.196 27.211 27.218 27.225 27.235 27.243	95.3 95.1 94.1 94.1 93.3 92.0 91.3 90.7 89.8 89.1	12.356 12.451 12.545 12.640 12.733 12.826 12.918 13.009 13.099 13.188	00000000000	1479.4 1479.5 1479.8 1479.8 1479.7 1479.8 1479.7 1479.8 1479.9 1480.0	5286.2 5409.0 5532.8 5657.6 5783.2 5909.8 6037.3 6165.7 6425.1	4.8 3.0 3.0 8.9 8.3 5.7 4.2
800.0 810.0 820.0 830.0 850.0 850.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.193 4.172 4.156 4.128 4.097 4.081 4.063 4.058 4.063 4.043	4.133 4.111 4.095 4.065 4.034 4.017 3.998 3.992 3.997 3.997	34.359 34.366 34.371 34.378 34.387 34.390 34.394 34.400 34.406 34.410	27.262 27.270 27.276 27.284 27.295 27.299 27.305 27.309 27.314 27.319	30.949 31.003 31.055 31.110 31.167 31.217 31.268 31.319 31.369 31.420	27.256 27.264 27.270 27.278 27.288 27.292 27.298 27.303 27.307 27.312	87.9 87.2 86.7 86.0 85.0 84.2 83.8 83.5	13.277 13.364 13.451 13.538 13.623 13.708 13.792 13.877 13.960 14.044	0000000000	1479.9 1480.0 1480.1 1480.2 1480.3 1480.4 1480.5 1480.7	6556.1 6688.0 6820.7 6954.3 7224.0 7360.1 7497.0 7634.8 7773.3	14.8 6.6 3.3 5.7 10.1 2.5 6.3 3.4 8.9 2.2
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.024 3.987 3.995 3.972 3.946 3.934 3.901 3.868 3.831 3.795	3.957 3.919 3.926 3.903 3.876 3.863 3.829 3.796 3.759 3.721	34.411 34.425 34.424 34.429 34.438 34.442 34.445 34.450 34.451	27.322 27.329 27.333 27.338 27.345 27.353 27.360 27.366 27.373 27.378	31.469 31.522 31.572 31.623 31.676 31.730 31.783 31.836 31.890 31.941	27.315 27.322 27.326 27.331 27.338 27.346 27.353 27.359 27.366 27.370	82.8 82.3 82.0 81.6 80.3 79.6 79.0 78.4 78.0	14.127 14.209 14.291 14.373 14.454 14.535 14.615 14.694 14.773 14.851	00000000000	1480.9 1481.1 1481.2 1481.3 1481.4 1481.4 1481.5 1481.5	7912.7 8052.9 8193.9 8335.8 8621.8 8766.0 8910.9 9056.7 9203.2	1.9 5.7 4.3 10.7 2.2 6.1 9.3 8.1 2.3 7.8

Station	26	Latitude	32° 18.	42'N	Longitu	ide 128°	09.40'W	29	Apr 1991	GMT	7:28	Bottom	4375 m
Pres. db	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn.Ht	LTR		TF m ³ /s ²	N ²
1000.0	m 992.2	°C 3.742	°C 3.669	0/00 34.452	kg/m ³ 27.384	kg/m ³ 31.994	kg/m ³ 27.377	10 ⁸ m ³ /kg	14.929	0/0 .0	1481.4	9350.4	5.2
1020.0 1040.0	1011.9 1031.7	3.699 3.678	3.624 3.602	34.466 34.469	27.399 27.404	32.102 32.198	27.392 27.396	76.0 75.7	15.082 15.234	.0	1481.6	9647.3 9947.0	-1.0 6.7
1060.0 1080.0	1051.5 1071.3	3.622 3.550	3.545 3.471	34.477 34.485	27.416 27.429	32.302 32.409	27.408 27.422	74.6 73.3	15.384 15.532	.0	1481 9	10249.8 10555.5	4.3 6.1
1100.0 1120.0	1091.0 1110.8	3.470 3.416	3.390 3.335	34.493 34.497	27.444 27.452	32.517 32.618	27.436 27.445	71.9 71.1	15.677 15.820	.0	1482.0	10864.0 11175.3	8.7 2.3
1140.0 1160.0	1130.6 1150.3	3.371 3.343	3.289 3.260	34.502 34.506	27.461	32.719	27.453	70.3	15.962	.0	1482.2	11489.5	9.0
1180.0	1170.1	3.317	3.232	34.508	27.467 27.471	32.817 32.913	27.459 27.463	69.9 69.5	16.102 16.241	.0		11806.3 12126.0	5.8 3.8
1200.0 1220.0	1189.8 1209.6	3.297 3.238	3.211 3.151	34.515 34.521	27.478 27.489	33.012 33.115	27.470 27.480	69.0 68.0	16.380 16.517	.0	1482.9 1483.0	12448.3 12773.3	7.6 6.2
1240.0 1260.0	1229.4 1249.1	3.195 3.134	3.106 3.044	34.525 34.531	27.496 27.507	33.215 33.318	27.488	67.3	16.653	.0	1483.2	13101.0	10.0
1280.0	1268.9	3.117	3.026	34.532	27.509	33.413	27.498 27.501	66.3 66.1	16.786 16.919	.0	1483.5	13431.3 13764.2	2.7 -1.1
1300.0 1320.0	1288.6 1308.4	3.085 3.071	2.993 2.977	34.535 34.536	27.514 27.517	33.509 33.603	27.506 27.508	65.7 65.6	17.051 17.182	.0	1483.7 1484.0	14099.7 14437.7	2.1 1.8
1340.0 1360.0	1328.1 1347.9	3.033 3.004	2.938 2.908	34.540 34.543	27.523 27.529	33.702 33.799	27.514 27.520	65.0 64.6	17.313 17.442	.0	1484.1	14778.3 15121.5	4.2 3.3
1380.0	1367.6	2.962	2.865	34.547	27.536	33.899	27.527	63.9	17.571	.ŏ	1484.5	15467.1	3:7
1400.0 1420.0	1387.4 1407.1	2.946 2.900	2.847 2.800	34.548 34.551	27.538 27.545	33.993 34.092	27.529 27.536	63.7 63.1	17.698 17.825	.0	1484.8 1484.9	15815.2 16165.9	2.2 6.3
1440.0 1460.0	1426.8 1446.6	2.851 2.818	2.750 2.715	34.555 34.557	27.552 27.557	34.192 34.289	27.543 27.548	62.4 61.9	17.950 18.074	.0		16518.9 16874.4	1.3
1480.0 1500.0	1466.3 1486.0	2.779 2.745	2.675 2.640	34.561 34.564	27.564 27.569	34.388	27.555	61.3	18.198	.0	1485.4	17232.3	3.1
1520.0	1505.8	2.721	2.615	34.566	27.573	34.485 34.580	27.560 27.563	60.8 60.5	18.320 18.441	.0	1485.6 1485.8	17592.6 17955.3	4.8 6.6
1540.0 1560.0	1525.5 1545.2	2.683 2.644	2.575 2.535	34.569 34.572	27.579 27.585	34.679 34.777	27.570 27.576	59.9 59.3	18.561 18.680	.0	1486.0 1486.2	18320.3 18687.6	5.2 1.9
1580.0	1564.9	2.600	2.490	34.576	27.592	34.876	27.582	58.7	18.798	.0	1486.3	19057.2	.2
1600.0 1620.0	1584.7 1604.4	2.571 2.536	2.459 2.424	34.578 34.580	27.596 27.601	34.972 35.069	27.586 27.591	58.3 57.8	18.915 19.031	.0	1486.5 1486.7	19429.1 19803.3	2.6 6.4
1640.0 1660.0	1624.1 1643.8	2.502 2.486	2.389 2.371	34.584 34.585	27.607 27.609	35.167 35.260	27.597 27.599	57.2 57.1	19.146 19.261	.0	1486.9 1487.2	20179.7 20558.3	2.9 1.1
1680.0 1700.0	1663.5 1683.3	2.461 2.441	2.344	34.587 34.588	27.613	35.356	27.603	56.7	19.374	.0	1487.4	20939.1	6.4
1720.0	1703.0	2.406	2.287	34.591	27.616 27.621	35.450 35.548	27.606 27.611	56.5 55.9	19.488 19.600	.0	1487.6 1487.8	21322.2 21707.4	3.8 4.7
1740.0 1760.0	1722.7 1742.4	2.383 2.355	2.262 2.233	34.594 34.596	27.625 27.629	35.643 35.739	27.615 27.619	55.6 55.2	19.712 19.823	.0	1488.1 1488.3	22094.8 22484.4	5.9 2.7
1780.0	1762.1	2.337	2.214	34.597	27.632	35.833	27.622	55.0	19.933	.0	1488.5	22876.1	2.1
1800.0 1820.0	1781.8 1801.5	2.310 2.296	2.185 2.171	34.599 34.601	27.636 27.639	35.929 36.022	27.626 27.628	54.6 54.4	20.042 20.151	.0	1488.8 1489.0	23269.9 23665.8	.3 1.2
1840.0 1860.0	1821.2 1840.9	2.279 2.252	2.152 2.123	34.602 34,605	27.641 27.646	36.116 36.212	27.631 27.635	54.2 53.7	20.260 20.368	.0	1489.3 1489.5	24063.9 24464.0	1.5
1880.0 1900.0	1860.6 1880.3	2.228 2.201	2.098	34.607 34.610	27.649	36.307	27.639	53.4	20.475	.0	1489.8	24866.2	.7
1920.0	1900.0	2.171	2.038	34.612	27.653 27.658	36.403 36.499	27.643 27.647	53.0 52.5	20.581 20.687	.0	1490.0 1490.2	25270.5 25676.8	2.5 - .2
1940.0 1960.0	1919.7 1939.3	2.153 2.137	2.019 2.001	34.615 34.616	27.662 27.664	36.594 36.687	27.651 27.653	52.2 52.0	20.791 20.896	.0	1490.4 1490.7	26085.2 26495.5	.4 2.5
1980.0	1959.0	2.115	1.979	34.618	27.668	36.782	27.657	51.7	20.999	.0	1491.0	26907.9	-1.3
2000.0 2050.0	1978.7 2027.9	2.105 2.062	1.967 1.920	34.619 34.623	27.669 27.676	36.874 37.109	27.658 27.665	51.6 51.0	21.103 21.359	.0	1491.2 1491.9	27322.3 28366.9	4.0 3.2
2096.0	2073.2	2.026	1.881	34.627	27.682	37.324	27.671	50.4	21.592	.ŏ	1492.5	29338.8	

Station		Latitude	32 04.8			ude 128°	16.33'W	29	Apr 1991			Bottom	
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	kg/m ³	Sigma-t kg/m ³	10 ⁸ m ³ /kg		LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.553 15.559 15.572 16.083 15.976 16.013 16.131 16.183 16.226	15.553 15.557 15.568 15.568 16.076 15.968 16.003 16.119 16.170	33.382 33.385 33.385 33.672 33.718 33.765 33.827 33.855 33.883	24.604 24.603 24.603 24.709 24.770 24.798 24.819 24.829 24.841	24.604 24.647 24.691 24.736 24.885 24.989 25.061 25.126 25.180 25.236	24.604 24.603 24.603 24.602 24.708 24.768 24.796 24.816 24.826 24.838	332.4 332.9 333.2 333.5 323.7 318.3 315.9 314.3 313.6 312.8	.000 .333 .666 .999 1.330 1.650 1.967 2.282 2.596 2.909	00000000000	1507.2 1507.3 1507.5 1507.7 1509.8 1509.7 1510.0 1510.6 1511.0	.0 1.7 6.6 14.9 26.5 41.4 59.4 80.5 104.8 132.3	.0 -1.5 -1.8 -1.2 171.6 29.3 22.0 4.5 13.0 15.1
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.2	16.110 15.119 14.259 13.317 12.866 11.519 10.595 10.266 9.947 9.671	16.094 15.102 14.242 13.300 12.847 11.500 10.576 10.246 9.927 9.649	33.873 33.695 33.627 33.638 33.629 33.535 33.475 33.478 33.495 33.532	24.860 24.944 25.076 25.279 25.361 25.545 25.663 25.722 25.790 25.864	25.299 25.429 25.607 25.856 26.217 26.382 26.487 26.601 26.722	24.857 24.941 25.073 25.275 25.358 25.542 25.660 25.719 25.786 25.861	311.3 303.4 291.0 271.8 264.2 246.6 235.3 223.5 216.6	3.221 3.529 3.825 4.106 4.376 4.632 4.874 5.106 5.333 5.551	00000000000	1511.1 1508.0 1505.3 1502.3 1501.0 1496.4 1493.2 1491.2 1490.4	162.8 196.4 233.0 272.5 314.7 359.5 406.8 456.5 508.4 562.5	11.9 150.2 36.1 42.4 73.4 90.4 35.7 21.6 60.5 29.7
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.292 9.069 8.946 8.751 8.690 8.562 8.503 8.237 7.905	9.270 9.047 8.922 8.727 8.665 8.536 8.476 8.336 8.208 7.876	33.591 33.682 33.789 33.832 33.855 33.923 33.946 33.983 34.001 34.001	25.972 26.079 26.183 26.247 26.274 26.375 26.375 26.425 26.459 26.508	26.876 27.029 27.179 27.288 27.361 27.481 27.554 27.650 27.729 27.826	25.969 26.075 26.179 26.243 26.270 26.343 26.371 26.421 26.454 26.504	206.4 196.3 186.6 180.7 178.3 171.5 169.0 161.3 156.6	5.763 5.966 6.157 6.342 6.522 6.698 6.867 7.033 7.196 7.356	00000000000	1489.2 1488.7 1488.5 1488.0 1488.0 1487.7 1487.7 1487.1 1486.0	618.7 677.1 737.3 799.4 863.3 929.0 996.4 1065.5 1136.1 1208.4	3.0 136.5 16.4 60.6 80.2 104.2 69.7 38.2 73.7
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.776 7.636 7.495 7.316 7.304 6.920 6.761 6.555 6.520 6.384	7.746 7.606 7.464 7.284 7.271 6.888 6.728 6.728 6.486 6.349	34.000 33.999 34.001 34.002 34.029 34.021 34.011 34.010 34.013 34.016	26.526 26.545 26.567 26.594 26.667 26.663 26.677 26.710 26.731	27.890 27.956 28.024 28.097 28.166 28.322 28.382 28.448 28.516	26.521 26.541 26.563 26.589 26.612 26.659 26.672 26.685 26.706 26.727	155.0 153.2 151.3 148.8 146.8 142.2 141.0 137.9 136.0	7.511 7.665 7.818 7.967 8.115 8.260 8.401 8.542 8.680 8.817	0000000000	1485.6 1485.3 1484.9 1484.3 1484.5 1482.7 1482.7 1482.4 1482.0 1481.7	1282.2 1357.6 1434.5 1512.9 1592.7 1674.0 1756.7 1840.8 1926.3 2013.1	34.7 20.6 37.9 17.1 48.7 34.9 9.1 28.1 4.0 23.1
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.7 417.6 427.5 437.4 447.4 457.3 467.2 477.1 487.0	6.189 6.075 5.981 5.779 5.733 5.621 5.549 5.394 5.283	6.155 6.039 5.945 5.845 5.742 5.583 5.510 5.355 5.243	34.025 34.032 34.034 34.045 34.061 34.076 34.088 34.083 34.095	26.763 26.783 26.796 26.812 26.830 26.849 26.874 26.892 26.907 26.930	28.595 28.662 28.785 28.785 28.914 28.986 29.051 29.114 29.183	26.758 26.778 26.792 26.808 26.826 26.844 26.869 26.888 26.903 26.925	133.0 131.1 129.9 128.4 126.7 125.0 122.7 121.0 119.5 117.4	8.952 9.084 9.214 9.343 9.471 9.597 9.721 9.843 9.963 10.082		1481.1 1480.8 1480.6 1480.3 1480.1 1479.8 1479.7 1479.7 1479.2	2101.3 2190.8 2281.6 2373.7 2467.0 2561.6 2657.4 2754.5 2852.7 2952.1	21.0 16.9 11.0 12.4 .9.5 5.7 25.0 27.9 15.0
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.5 546.5 556.4 576.3 586.2	5.287 5.371 5.202 5.273 5.285 5.144 5.168 5.098 5.061 4.982	5.246 5.329 5.160 5.230 5.241 5.100 5.123 5.053 5.014 4.935	34.107 34.138 34.126 34.149 34.162 34.167 34.177 34.186 34.193 34.210	26.939 26.953 26.964 26.974 26.983 27.003 27.008 27.024 27.034 27.057	29.238 29.297 29.355 29.410 29.532 29.583 29.645 29.645 29.701 29.771	26.934 26.948 26.959 26.969 26.978 27.003 27.019 27.029 27.051	116.7 115.5 114.4 113.7 113.0 111.0 110.7 109.3 108.4 106.2	10.199 10.315 10.430 10.544 10.657 10.769 10.880 10.999 11.206	0000000000	1479.2 1479.7 1479.2 1479.7 1479.9 1479.8 1479.6 1479.7 1479.5	3052.7 3154.4 3257.3 3361.3 3466.4 3572.6 3680.0 3788.4 3897.9 4008.5	22.3 6.3 -3.2 15.3 5.7 16.5 9.5 8.6 25.3
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.8 645.7 655.6 665.5 675.4 685.3	4.971 4.915 4.819 4.787 4.788 4.768 4.721 4.678 4.658 4.615	4.923 4.866 4.770 4.738 4.717 4.670 4.626 4.605 4.561	34.214 34.219 34.217 34.224 34.238 34.250 34.266 34.266 34.273 34.282	27.061 27.072 27.081 27.090 27.101 27.113 27.128 27.135 27.143 27.155	29.821 29.878 29.935 29.990 30.047 30.104 30.166 30.220 30.227 30.332	27.055 27.066 27.075 27.084 27.096 27.107 27.122 27.129 27.138 27.149	106.0 105.0 104.1 103.3 102.3 101.4 100.0 99.3 98.6 97.5	11.313 11.418 11.523 11.626 11.729 11.831 11.931 12.031 12.130 12.228	.0000000000	1479.6 1479.6 1479.3 1479.4 1479.7 1479.7 1479.7 1479.7 1479.7	4120.1 4232.7 4346.4 4461.1 4576.9 4693.6 4811.3 4930.0 5049.7 5170.4	5.7 15.6 10.6 15.9 13.6 18.3 14.4
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.566 4.563 4.525 4.505 4.457 4.434 4.376 4.376 4.351	4.512 4.508 4.470 4.449 4.400 4.376 4.340 4.317 4.291 4.233	34.288 34.295 34.300 34.307 34.319 34.324 34.332 34.335 34.335	27.166 27.171 27.179 27.188 27.202 27.208 27.219 27.224 27.232 27.248	30.389 30.441 30.495 30.549 30.611 30.663 30.719 30.771 30.825 30.887	27.160 27.165 27.173 27.182 27.196 27.202 27.213 27.218 27.226 27.241	96.6 96.1 95.4 94.7 93.4 921.9 91.5 90.8 89.3	12.325 12.421 12.517 12.612 12.706 12.709 12.892 12.983 13.074 13.165	0000000000	1479.7 1479.9 1479.9 1480.0 1480.0 1480.1 1480.1 1480.1 1480.2	5292.0 5414.6 5538.1 5662.6 5788.0 5914.3 6041.5 6169.6 6428.6	1.6 29.5 8.9 64.5 10.8 17.7
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.3 804.2 814.0 824.0 833.8 843.7 853.6 863.5 873.4 883.3	4.247 4.209 4.196 4.160 4.130 4.115 4.094 4.070 4.043 4.022	4.187 4.148 4.134 4.098 4.067 4.051 4.030 4.004 3.977 3.955	34.363 34.370 34.372 34.381 34.387 34.392 34.399 34.405 34.411 34.415	27.260 27.270 27.273 27.284 27.291 27.298 27.305 27.313 27.320 27.325	30.946 31.002 31.052 31.108 31.162 31.214 31.268 31.322 31.376 31.427	27.253 27.263 27.267 27.277 27.285 27.291 27.298 27.306 27.313 27.319	88.2 87.3 87.1 86.1 85.4 84.3 83.6 82.9	13.253 13.341 13.428 13.514 13.600 13.685 13.770 13.854 13.937 14.020	0000000000	1480.1 1480.3 1480.3 1480.3 1480.4 1480.5 1480.6 1480.7	6559.3 6691.0 6823.5 6956.9 7091.1 7226.1 7362.0 7498.7 7636.2 7774.6	12.1 8.9 8.6 8.0 3.1 8.9 13.0 13.3
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	3.991 3.967 3.950 3.908 3.888 3.865 3.835 3.796 3.774	3.923 3.899 3.881 3.839 3.818 3.794 3.763 3.724 3.702 3.670	34.421 34.426 34.429 34.435 34.438 34.441 34.444 34.450 34.452 34.458	27.333 27.340 27.344 27.358 27.363 27.368 27.368 27.368 27.377 27.381 27.388	31.481 31.534 31.584 31.640 31.691 31.742 31.793 31.849 31.899 31.953	27.327 27.333 27.337 27.346 27.351 27.356 27.361 27.370 27.374 27.381	81.7 81.2 80.9 80.0 79.6 79.2 78.7 77.9 77.5	14.102 14.183 14.264 14.345 14.425 14.504 14.583 14.661 14.739 14.816	0000000000	1480.8 1480.9 1480.9 1480.9 1481.0 1481.1 1481.1 1481.1 1481.2 1481.3	7913.7 8053.7 8194.4 8336.0 8478.3 8621.4 8765.3 8909.9 9055.3 9201.5	7.5 4.9 -1.6 6.0 5.5 8.7 10.4 2.8 4.3 7.8

Station	27	Latitude	32° 04.	80'N	Longitu	de 128°	16.33'W	29	Apr 1991	GMT 10	:25	Bottom	4325 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn.Ht	LTR	sv	m ^{TF}	N ²
ďЬ	m	*c	.c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	J/kg	0/0	m/s	m ³ /s ²	10 ⁶ /s ²
1000.0	992.2	3.728	3.654	34.461	27.392	32,003	27.385 27.399	76.5 75.2	14.893	.0	1481.4	9348.4	6.9
1020.0 1040.0	1011.9 1031.7	3.660	3.585	34.470	27.407	32.110	27.399	75.2	15.045	.0	1481.4	9644.5	3.4
1060.0	1051.5	3.610 3.575	3.534 3.498	34.477 34.483	27.417 27.425	32.213 32.313	27.410 27.418	74.2 73.6	15.194 15.342	.0	1481.6 1481.7	9943.6 10245.5	4.3 7.3
1080.0	1071.3	3.526	3.448	34.488	27.435	32.415	27.427	72.7	15.488	.ŏ	1481.9	10550.3	3.2
1100.0	1091.0	3.480	3.401	34.494	27.444	32.517	27.436	71.9	15.633	•0 .	1482.0	10858.0	4.0
1120.0 1140.0	1110.8 1130.6	3.427 3.376	3.346	34.500	27.454	32.619	27.446	71.0	15.776	٠.٥	1482.1	11168.4	4.3
1160.0	1150.3	3.330	3.294 3.247	34.506 34.511	27.463 27.472	32.721 32.822	27.455 27.464	70.2 69.4	15.917 16.056	.0	1482.3 1482.4	11481.7 11797.7	3.8 2.3
1180.0	1170.1	3.310	3.226	34.513	27.476	32.918	27.468	69.1	16.195	.ŏ	1482.6	12116.4	1.5
1200.0	1189.9	3.274	3.188	34.517	27.482	33.016	27.474	68.6	16.332	.0	1482.8	12437.8	1.7
1220.0	1209.6	3.237	3.149	34.521	27.489	33.115	27.480	68.0	16.469	.0	1483.0	12761.9	1.5
1240.0 1260.0	1229.4 1249.2	3.212 3.155	3.123 3.065	34.526 34.528	27.495 27.502	33.213 33.314	27.487	67.5	16.604	٠,٥	1483.2 1483.3	13088.6	3
1280.0	1268.9	3.112	3.021	34.528	27.502	33.314	27.494 27.501	66.8 66.1	16.738 16.871	.0	1483.5	13417.9 13749.9	1.5
1300.0	1288.7	3.069	2.977	34.534	27.515	33.511	27.507	65.6	17.003	.ŏ	1483.6	14084.5	1.2 4.7
1320.0	1308.4	3.038	2.945	34.538	27,521	33,609	27.513	65.1	17.134	.0	1483.8	14421.6	1.8
1340.0	1328.2	3.006	2.911	34.541	27.527	33.707	27.518	64.6	17.263	.0	1484.0	14761.2	3.6
1360.0 1380.0	1347.9 1367.6	2.974 2.948	2.878 2.851	34.544 34.547	27.532 27.537	33.804 33.900	27.524 27.528	64.1 63.7	17.392 17.520	.0	1484.2 1484.5	15103.4 15448.0	2.7 .7
1400.0	1387.4	2.922	2.824	34.549									
1420.0	1407.1	2.868	2.768	34.554	27.541 27.550	33.996 34.098	27.532 27.541	63.4 62.5	17.647 17.772	.0	1484.7 1484.8	15795.1 16144.7	2.7 2.7
1440.0	1426.9	2.826	2.725	34.558	27.557	34.198	27.548	61.8	17.896	٠ŏ	1484.9	16496.8	3.9
1460.0	1446.6	2.791	2.688	34.561	27.563	34.295	27.553	61.3	18.020	.ŏ	1485.1	16851.2	1.3
1480.0	1466.3	2.758	2.655	34.563	27.567	34.392	27.558	60.9	18.142	.0	1485.3	17208.0	1.3
1500.0 1520.0	1486.1 1505.8	2.724 2.684	2.619 2.578	34.566 34.569	27.573 27.579	34.489 34.588	27.564	60.4	18.264	٠.٥	1485.5	17567.2	2.8
1540.0	1525.5	2.662	2.554	34.571	27.582	34.683	27.569 27.573	59.8 59.5	18.384 18.503	.0	1485.7 1485.9	17928.7 18292.6	6.6 2.5
1560.0	1545.3	2.646	2.537	34.573	27.585	34.777	27.576	59.3	18.622	.ŏ	1486.2	18658.8	2.5
1580.0	1565.0	2.618	2.508	34.574	27.589	34.872	27.579	59.0	18.740	.0	1486.4	19027.3	5.8
1600.0	1584.7	2.586	2.474	34.577	27.594	34.970	27.584	58.5	18.858	.0	1486.6	19398.1	1.7
1620.0 1640.0	1604.4 1624.1	2.554 2.531	2.441 2.417	34.580 34.581	27.599 27.602	35.067 35.161	27.590	58.0 57.7	18.974	٠,	1486.8	19771.1	.2
1660.0	1643.8	2.500	2.384	34.585	27.602	35.259	27.593 27.598	57.2	19.090 19.205	.0	1487.0 1487.2	20146.4 20523.9	3 1.7
1680.0	1663.6	2.462	2.345	34.588	27.614	35.357	27.604	56.7	19.319	.ŏ	1487.4	20903.7	ž
1700.0	1683.3	2.417	2.299	34.591	27.620	35.455	27.610	56.0	19.432	.0	1487.5	21285.6	1.1
1720.0 1740.0	1703.0 1722.7	2.386	2.267	34.593	27.624	35.552	27.614	55.6	19.543	٠.٥	1487.8	21669.8	3.8
1760.0	1742.4	2.367 2.348	2.247 2.227	34.594 34.596	27.627 27.630	35.646 35.740	27.617 27.620	55.4 55.1	19.654 19.765	.0	1488.0 1488.3	22056.0 22444.5	-1.5 2.9
1780.0	1762.1	2.326	2.204	34.597	27.633	35.834	27.623	54.8	19.874	:ŏ	1488.5	22835.0	1.2
1800.0	1781.8	2.306	2.182	34.600	27.637	35.930	27.627	54.5	19.984	.0	1488.7	23227.7	1.8
1820.0 1840.0	1801.5	2.292	2.166	34.602	27.639	36.023	27.629	54.3	20.093	.0	1489.0	23622.5	. 9
1860.0	1821.2 1840.9	2.270 2.243	2.142 2.114	34.603 34.606	27.642 27.647	36.118 36.214	27.632 27.636	54.0 53.6	20.201	•0	1489.3 1489.5	24019.4	2.7
1880.0	1860.6	2.226	2.096	34.607	27.649	36.307	27.639	53.4	20.308	.0	1489.5	24418.4 24819.4	1.6 -1.9
1900.0	1880.3	2.205	2.074	34.609	27.652	36.402	27.642	53.1	20.522	.ŏ	1490.0	25222.5	1.6
1920.0	1900.0	2.186	2.053	34.610	27.655	36.495	27.644	52.9	20.628	.0	1490.2	25627.7	1.6
1940.0 1960.0	1919.7 1939.4	2.167 2.146	2.033 2.011	34.611 34.614	27.658 27.662	36.589 36.684	27.647 27.651	52.6 52.3	20.733	٠٥.	1490.5	26034.9	7
1980.0	1959.1	2.123	1.986	34.617	27.666	36.780	27.655	51.9	20.838 20.942	.0	1490.7 1491.0	26444.1 26855.4	1.3 4.3
2000.0	1978.8	2.094	1.956	34.620	27.671	36.877	27.660	51.4	21.045	.0	1491.2	27268.7	1
2050.0	2028.0	2.044	1.902	34.625	27.679	37.112	27.667	50.6	21.301	.0	1491.8	28310.5	2.9
2096.0	2073.2	1.999	1.854	34.629	27.685	37.328	27.674	50.0	21.532	.0	1492.4	29279.7	.0

Station		Latitude	31. 59.		•	ıde 128°			Apr 1991			Bottom	
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³		10 ⁸ m ³ /kg	_	LTR 0/0	sv m/s	m ³ /s ²	N ²
10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.612 15.621 15.703 15.818 15.899 15.905 15.794 15.948	15.612 15.619 15.619 15.699 15.891 15.912 15.92 15.782 15.934	33.422 33.422 33.536 33.626 33.665 33.695 33.709 33.696 33.764	24.622 24.621 24.620 24.691 24.734 24.746 24.764 24.780 24.795 24.813	24.622 24.665 24.708 24.823 24.910 25.028 25.028 25.087 25.146 25.208	24.622 24.619 24.690 24.733 24.745 24.762 24.777 24.792 24.810	330.8 331.2 331.6 325.2 321.3 320.5 319.1 318.0 316.9 315.5	.000 .331 .662 .993 1.315 1.636 1.956 2.274 2.591 2.907	00000000000	1507.4 1507.6 1507.7 1508.3 1509.4 1509.7 1509.8 1509.6 1510.3	.0 1.6 6.6 14.8 26.3 41.0 58.9 80.0 104.2 131.6	-0 3 -1.5 78.7 24.9 20.0 12.4 31.1 6.8 13.3
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.2	15.961 14.996 14.556 13.801 13.369 12.716 11.992 11.551 10.393	15.945 14.979 14.538 13.783 13.350 12.696 11.971 11.530 10.904 10.371	33.788 33.656 33.618 33.648 33.520 33.588 33.551 33.528 33.494 33.485	24.829 24.941 25.007 25.188 25.255 25.360 25.470 25.534 25.620 25.707	25.268 25.426 25.537 25.764 25.7876 26.028 26.184 26.295 26.561	24.825 24.938 25.003 25.184 25.251 25.356 25.466 25.530 25.617 25.703	314.3 303.7 297.7 280.6 274.4 264.5 254.1 239.9 231.8	3.222 3.533 3.833 4.120 4.397 4.666 4.923 5.174 5.653	0000000000	1510.5 1507.5 1506.2 1504.0 1502.7 1500.6 1498.8 1496.8 1494.7 1493.0	162.1 195.8 232.4 272.0 314.4 359.5 407.2 457.4 510.1 565.2	26.2 156.3 62.2 79.7 68.2 185.8 61.5 105.9 28.2 137.6
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.8 268.7 278.6 288.5	9.933 9.575 9.189 9.016 8.944 8.752 8.569 8.208 8.024	9.910 9.552 9.165 8.991 8.726 8.542 8.333 8.179	33.523 33.590 33.640 33.716 33.816 33.888 33.930 33.971 33.981 33.994	25.815 25.925 26.027 26.115 26.204 26.291 26.353 26.416 26.447 26.485	26.716 26.873 27.022 27.156 27.290 27.423 27.531 27.641 27.718 27.802	25.811 25.921 26.023 26.111 26.200 26.287 26.348 26.442 26.443 26.480	221.6 211.1 201.5 193.3 185.0 176.9 171.2 165.2 162.4 158.9	5.878 6.095 6.300 6.498 6.687 6.868 7.042 7.210 7.373 7.534	0000000000	1491.5 1490.4 1489.2 1488.8 1488.9 1488.4 1487.9 1486.9 1486.9	622.5 682.0 743.7 807.3 872.8 940.2 1009.3 1080.1 1152.5 1226.5	91.0 140.7 29.6 89.9 97.3 55.4 41.0 62.6 8.4 41.8
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.3 338.1 358.1 368.0 377.9 387.8	7.853 7.603 7.501 7.457 7.198 7.045 6.937 6.745 6.616 6.514	7.824 7.573 7.470 7.425 7.166 7.013 6.903 6.711 6.582 6.479	34.001 34.004 34.002 34.001 34.003 34.004 34.010 34.013 34.011	26.516 26.554 26.567 26.573 26.609 26.632 26.648 26.678 26.698 26.710	27.879 27.965 28.024 28.076 28.159 28.229 28.291 28.369 28.435 28.493	26.511 26.550 26.563 26.568 26.605 26.627 26.643 26.674 26.693 26.705	156.0 152.4 151.3 150.9 147.4 145.3 143.8 143.8 139.2 139.2	7.692 7.846 7.998 8.149 8.298 8.444 8.589 8.731 8.871	00000000000	1485.9 1485.1 1484.9 1484.1 1483.4 1483.4 1482.8 1482.4 1482.2	1302.2 1379.3 1458.0 1538.2 1619.8 1702.9 1787.5 1873.5 1960.8 2049.6	10.4 57.2 8.0 13.3 38.7 23.8 36.0 16.4 4.1
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0 490.0	397.8 407.7 417.6 427.5 437.5 447.4 457.3 467.2 477.1 487.1	6.359 6.213 6.112 6.044 5.965 5.890 5.799 5.602 5.537	6.323 6.177 6.076 6.007 5.928 5.760 5.686 5.562 5.496	34.009 34.013 34.015 34.015 34.018 34.022 34.024 34.027 34.031 34.039	26.729 26.750 26.765 26.774 26.786 26.799 26.812 26.823 26.841 26.855	28.560 28.628 28.690 28.745 28.803 28.862 28.980 29.045 29.106	26.724 26.746 26.760 26.769 26.781 26.794 26.807 26.818 26.836 26.851	136.3 134.3 132.9 132.1 131.1 129.9 128.7 127.7 126.0 124.7	9.147 9.283 9.417 9.549 9.681 9.811 9.940 10.069 10.196 10.321	0000000000	1481.7 1481.3 1481.1 1481.0 1480.8 1480.7 1480.5 1480.3 1480.0 1479.9	2139.7 2231.1 2323.9 2418.0 2513.5 2610.2 2708.1 2807.4 2907.9 3009.7	16.0 11.6 19.8 26.8 1.9 27.7 1.0 22.7 10.1
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.7 546.6 556.5 566.4 576.3 586.2	5.422 5.332 5.224 5.149 5.063 5.008 4.920 4.846 4.815 4.803	5.380 5.290 5.182 5.107 5.020 4.964 4.876 4.802 4.770 4.757	34.045 34.053 34.060 34.067 34.077 34.083 34.096 34.107 34.114 34.134	26.874 26.891 26.909 26.923 26.942 26.952 26.972 26.990 26.999 27.017	29.172 29.236 29.300 29.361 29.427 29.484 29.551 29.615 29.670 29.734	26.869 26.886 26.904 26.918 26.937 26.947 26.967 26.985 26.994 27.011	122.9 121.3 119.6 118.3 116.6 113.7 112.1 111.3 109.8	10.444 10.566 10.687 10.806 10.923 11.039 11.154 11.267 11.378 11.489	0000000000	1479.6 1479.4 1479.2 1479.0 1478.9 1478.6 1478.5 1478.5 1478.7	3112.7 3216.9 3322.3 3428.8 3536.6 3645.5 3755.5 3866.7 3978.9 4092.3	10.6 11.5 20.0 19.1 17.0 11.2 9.1 11.5 13.5
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0 690.0	596.1 606.1 616.0 625.9 635.8 645.7 655.6 665.5 675.4 685.3	4.727 4.716 4.705 4.673 4.635 4.618 4.591 4.581 4.543 4.523	4.681 4.668 4.657 4.624 4.585 4.568 4.541 4.529 4.491 4.470	34.137 34.140 34.144 34.154 34.169 34.178 34.191 34.205 34.222 34.228	27.027 27.031 27.035 27.047 27.063 27.072 27.086 27.097 27.115 27.123	29.792 29.841 29.892 29.949 30.011 30.066 30.126 30.184 30.248 30.302	27.022 27.026 27.030 27.042 27.057 27.066 27.080 27.092 27.109 27.117	108.7 108.5 108.1 107.1 105.7 104.9 103.7 102.7 101.1	11.598 11.707 11.815 11.923 12.029 12.134 12.239 12.342 12.444 12.545	0000000000	1478.5 1478.7 1478.8 1478.8 1478.9 1479.0 1479.0 1479.2 1479.2	4206.7 4322.2 4438.8 4556.4 4675.1 4794.9 4915.6 5037.4 5160.2 5284.0	10.3 5.6 3.3 33.1 11.5 8.8 10.6 20.3 18.8 7.4
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.2 715.1 725.0 734.9 744.8 754.7 764.6 774.5 784.4	4.506 4.434 4.405 4.372 4.343 4.326 4.292 4.292 4.212 4.169	4.452 4.379 4.350 4.317 4.286 4.269 4.234 4.186 4.154 4.110	34.240 34.252 34.263 34.271 34.282 34.298 34.312 34.318 34.323 34.336	27.134 27.152 27.163 27.173 27.185 27.200 27.214 27.224 27.232 27.247	30.359 30.424 30.481 30.538 30.596 30.656 30.717 30.774 30.827 30.889	27.128 27.146 27.157 27.167 27.179 27.194 27.208 27.218 27.226 27.241	99.4 97.7 96.7 95.8 94.7 93.5 92.2 91.2 90.6 89.2	12.644 12.743 12.840 12.936 13.032 13.126 13.219 13.311 13.402 13.491	00000000000	1479.4 1479.3 1479.4 1479.4 1479.5 1479.6 1479.6 1479.6	5408.8 5534.5 5661.3 5788.9 5917.5 6047.1 6177.5 6308.9 6441.2 6574.3	19.7 13.8 11.8 1.8 10.9 7.7 17.7 10.0 6.8 9.5
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.3 804.2 814.1 824.0 833.9 843.8 853.7 863.6 873.5 883.4	4.153 4.116 4.100 4.067 4.023 3.999 3.970 3.949 3.927 3.910	4.093 4.055 4.038 4.005 3.960 3.936 3.936 3.884 3.862 3.844	34.342 34.350 34.355 34.363 34.373 34.381 34.387 34.398 34.402	27.253 27.264 27.269 27.279 27.292 27.300 27.308 27.315 27.321 27.327	30.941 30.998 31.049 31.106 31.165 31.220 31.274 31.327 31.379 31.431	27.247 27.257 27.263 27.273 27.285 27.294 27.302 27.309 27.315 27.320	88.7 87.3 86.3 85.1 84.4 83.7 83.1 82.5 82.1	13.580 13.669 13.756 13.843 13.929 14.013 14.097 14.181 14.263 14.346	.00000000000	1479.7 1479.8 1479.9 1479.9 1479.9 1480.0 1480.1 1480.1	6708.3 6843.2 6979.0 7115.6 7253.1 7391.4 7530.5 7670.4 7811.2 7952.8	8.0 5.4 9.5 15.6 11.8 10.7 8.6 4.5 10.4
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.3 903.2 913.1 923.0 932.8 942.7 952.6 962.5 972.4 982.3	3.870 3.872 3.835 3.807 3.798 3.770 3.758 3.727 3.720 3.703	3.804 3.805 3.767 3.739 3.729 3.701 3.688 3.656 3.656	34.409 34.417 34.424 34.430 34.436 34.439 34.445 34.445 34.453	27.336 27.343 27.345 27.355 27.361 27.368 27.372 27.380 27.385 27.389	31.487 31.539 31.591 31.644 31.696 31.749 31.799 31.853 31.954	27.330 27.336 27.348 27.348 27.354 27.361 27.365 27.373 27.377	81.2 80.7 80.2 79.1 78.5 78.1 77.4 77.1	14.427 14.508 14.589 14.669 14.748 14.827 14.905 14.983 15.060 15.137		1480.3 1480.4 1480.5 1480.6 1480.7 1480.8 1480.8 1481.0 1481.1	8095.1 8238.3 8382.3 8527.0 8672.5 8818.8 8965.9 9113.7 9262.3 9411.7	9.5 7.8 6.9 6.7 9.21 6.0

Station	28	Latitude	31° 59.	54'N	Longitu	de 128°	01.65'W	29	Apr 1991	GMT 13	:05	Bottom	
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn. Ht	LTR	s v	m ³ /s ²	N ²
ďb	m	•c	.c	0/00	kg/m ³	kg/m ³	kg/m ³	$10^8 m^3/kg$	J/kg	0/0	m/s	m³/s²	10 ⁶ /s ²
1000.0 1020.0	992.2 1012.0	3.669 3.602	3.596 3.528	34.458	27.396	32.007	27.388	76.1	15.214	.0	1481.1	9561.8	7.8
1040.0	1031.8	3.542	3.466	34.468 34.475	27.411 27.423	32.116 32.220	27.404 27.415	74.6 73.6	15.364 15.512	.0	1481.2 1481.3	9864.2 10169.5	6.0 8.1
1060.0	1051.5	3.483	3.407	34.484	27.435	32.325	27.428	72.4	15.658	.0	1481.4	10477.8	3.1
1080.0 1100.0	1071.3 1091.1	3.458 3.419	3.380 3.340	34.491 34.498	27.443 27.452	32.425 32.527	27.436 27.445	71.8 71.0	15.802 15.945	.0	1481.6 1481.8	10788.8 11102.7	4.6 3.4
1120.0	1110.8	3.386	3.306	34.502	27.459	32.625	27.451	70.4	16.087	:ŏ	1482.0	11419.3	4.6
1140.0 1160.0	1130.6 1150.4	3.340 3.294	3.258 3.211	34.506 34.511	27.466 27.476	32.725	27.459	69.8	16.227	.0	1482.1	11738.7	4.0
1180.0	1170.2	3.250	3.165	34.515	27.483	32.827 32.927	27.468 27.475	68.9 68.3	16.365 16.503	.0	1482.2 1482.4	12060.8 12385.6	3.8 7.0
1200.0	1189.9	3.218	3.132	34.516	27.487	33.023	27.479	67.9	16.639	.0	1482.6	12713.1	7.6
1220.0 1240.0	1209.7 1229.4	3.174 3.137	3.087 3.049	34.521 34.527	27.495 27.503	33.123 33.223	27.487 27.494	67.2 66.5	16.774 16.908	٠,٥	1482.7 1482.9	13043.2 13376.0	3 2.9
1260.0	1249.2	3.097	3.008	34.531	27.510	33.223	27.502	65.9	17.040	.0	1483.1	13711.3	5.6
1280.0 1300.0	1268.9	3.080	2.990	34.536	27.515	33.420	27.507	65.4	17.172	.0	1483.3	14049.2	4.4
1320.0	1288.7 1308.4	3.051 3.025	2.959 2.931	34.540 34.542	27.521 27.525	33.518 33.614	27.513 27.517	65.0 64.6	17.302 17.432	.0	1483.6 1483.8	14389.7 14732.7	3.3 3.9
1340.0	1328.2	2.989	2.895	34.542	27.529	33.710	27.521	64.3	17.561	.0	1484.0	15078.2	1.2
1360.0 1380.0	1347.9 1367.7	2.960 2.920	2.864 2.823	34.547 34.549	27.536 27.541	33.808 33.906	27.527 27.532	63.8 63.3	17.689 17.816	٠,	1484.2 1484.3	15426.2 15776.7	1.2 3.0
1400.0	1387.4	2.890	2.792	34.553	27.547	34.003		62.8		.0 .0	1484.5		
1420.0	1407.2	2.866	2.766	34.556	27.552	34.100	27.538 27.543	62.4	17.942 18.067	:0	1484.8	16129.7 16485.1	7.7 3.6
1440.0	1426.9	2.838	2.737	34.560	27.558	34.198	27.549	61.8	18.191	.0	1485.0	16843.0	6.0
1460.0 1480.0	1446.6 1466.4	2.793 2.747	2.690 2.643	34.563 34.567	27.564 27.571	34.297 34.396	27.555 27.562	61.2 60.5	18.314 18.436	.0	1485.1 1485.3	17203.2 17565.8	5.4 1.3
1500.0	1486.1	2.706	2.601	34.570	27.577	34.495	27.568	59.9	18,556	.0	1485.4	17930.8	1.0
1520.0 1540.0	1505.8 1525.6	2.673 2.649	2.567 2.542	34.572 34.574	27.582 27.585	34.591 34.686	27.573 27.576	59.5 59.2	18.676 18.795	.0	1485.6 1485.9	18298.1 18667.7	2.8 3.1
1560.0	1545.3	2.607	2.499	34.577	27.592	34.785	27.582	58.6	18.912	ŏ	1486.0	19039.7	2.2
1580.0	1565.0	2,568	2.459	34.580	27.597	34.883	27.588	58.0	19.029	.0	1486.2	19413.9	3.1
1600.0 1620.0	1584.7 1604.5	2.535 2.508	2.424 2.396	34.582 34.584	27.602 27.606	34.980 35.076	27.593 27.596	57.5 57.2	19.144 19.259	.0	1486.4 1486.6	19790.3 20169.0	2.5 2.6
1640.0	1624.2	2.475	2.362	34.587	27.611	35.173	27.602	56.7	19.373	.0	1486.8	20549.9	1.5
1660.0 1680.0	1643.9 1663.6	2.454 2.426	2.340 2.310	34.589 34.591	27.615	35.268	27.605	56.4	19.486	٠.	1487.0	20933.0	1
1700.0	1683.3	2.405	2.288	34.592	27.619 27.622	35.363 35.458	27.609 27.612	56.0 55.7	19.599 19.710	.0	1487.3 1487.5	21318.2 21705.7	4.9 .6
1720.0 1740.0	1703.0 1722.7	2.386 2.361	2.267 2.240	34.594	27.625	35.553	27.615	55.5	19,822	.0	1487.8	22095.3	2.9
1760.0	1742.4	2.346	2.224	34.597 34.598	27.629 27.631	35.648 35.742	27.619 27.621	55.1 55.0	19.932 20.042	.0	1488.0 1488.2	22487.1 22881.0	1.5 2.1
1780.0	1762.2	2.326	2.203	34.599	27.634	35.836	27.624	54.7	20.152	.o	1488.5	23277.0	1.8
1800.0 1820.0	1781.9 1801.6	2.299 2.273	2.175 2.147	34.602 34.603	27.639 27.642	35.932 36.027	27.628 27.632	54.3 54.0	20.261 20.369	.0	1488.7 1488.9	23675.1 24075.4	3.0
1840.0	1821.3	2.247	2.120	34.605	27.646	36.122	27.636	53.6	20.477	:ŏ	1489.2	24477.7	4.2
1860.0 1880.0	1841.0 1860.7	2.228 2.192	2.100 2.062	34.607 34.611	27.649 27.655	36.217 36.314	27.639	53.3	20.584	.0	1489.4	24882.1	2
1900.0	1880.3	2.192	2.041	34.612	27.658	36.314	27.644 27.648	52.7 52.4	20.690 20.795	.0	1489.6 1489.9	25288.6 25697.1	4.8 2.5
1920.0	1900.0	2.150	2.018	34.614	27.661	36.503	27.650	52.1	20.900	.0	1490.1	26107.7	3.3
1940.0 1960.0	1919.7 1939.4	2.132 2.115	1.998 1.980	34.616 34.617	27.664 27.667	36.597 36.691	27.653 27.656	51.9 51.6	21.004 21.107	.0	1490.4 1490.6	26520.2 26934.8	1.3 -1.6
1980.0	1959.1	2.100	1.963	34.619	27.670	36.785	27.659	51.4	21.210	:ŏ	1490.9	27351.3	1.9
2000.0	1978.8	2.086	1.948	34.620	27.671	36.877	27.660	51.3	21.313	.0	1491.2	27769.9	1.9
2050.0 2096.0	2028.0 2073.3	2.045 2.008	1.903 1.863	34.625 34.629	27.679 27.685	37.112 37.327	27.668 27.674	50.6 50.1	21.568 21.799	:0	1491.8 1492.4	28824.8 29806.2	2.9
												2,000.2	. •

Station		Latitude	32. 12.		=	ide 127°			Apr 1991			Bottom	
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	•	10 ⁸ m ³ /kg		LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
2.0 12.0 22.0 32.0 42.0 52.0 62.0 72.0 82.0 92.0	2.0 12.0 21.9 31.9 41.8 51.8 61.8 71.7 81.7	15.472 15.474 15.476 15.476 15.446 15.488 16.099 16.005	15.472 15.471 15.471 15.471 15.440 15.462 15.478 16.088 15.993 16.029	33.313 33.325 33.326 33.464 33.485 33.510 33.747 33.763 33.792	24.569 24.579 24.580 24.580 24.692 24.703 24.765 24.765 24.799 24.813	24.578 24.676 24.721 24.877 24.877 24.932 24.992 25.081 25.159 25.217	24.569 24.578 24.578 24.578 24.691 24.701 24.717 24.763 24.796 24.810	335.8 335.5 335.8 325.4 325.4 323.5 319.5 316.6 315.5	.067 .403 .738 1.074 1.408 1.732 2.057 2.378 2.696 3.012	00000000000	1506.8 1507.0 1507.2 1507.6 1507.9 1508.1 1510.5 1510.4 1510.7	.1 2.4 8.1 17.1 29.5 45.1 64.0 86.1 111.3	-2.1 -1.0 1 2.3 168.0 5.8 39.5 63.4 14.5 8.6
102.0 112.0 122.0 132.0 142.0 152.0 162.0 172.0 182.0 192.0	101.6 111.6 121.5 131.5 141.4 151.4 161.3 171.3 181.2 191.1	16.149 15.991 15.049 13.781 12.955 12.373 11.138 10.369 9.855 9.575	16.133 15.973 15.030 13.763 12.935 12.353 11.118 10.349 9.834 9.554	33.836 33.822 33.710 33.566 33.617 33.582 33.442 33.412 33.470 33.541	24.823 24.849 24.9728 25.128 25.421 25.542 25.654 25.887	25.270 25.340 25.509 25.713 25.966 26.099 26.268 26.428 26.406 26.754	24.819 24.845 24.968 25.125 25.331 25.417 25.538 25.782 25.782 25.884	314.9 312.8 301.2 286.3 266.8 258.6 247.1 236.4 223.9 214.3	3.327 3.641 3.951 4.243 4.519 4.781 5.033 5.275 5.506 5.724	00000000000	1511.2 1510.9 1507.9 1503.8 1499.4 1495.1 1492.5 1490.1	171.3 206.0 243.8 284.6 328.2 374.5 423.3 474.6 528.2 584.1	14.2 28.8 288.7 189.8 121.1 81.8 108.2 105.7 144.8 71.0
202.0 212.0 222.0 232.0 242.0 252.0 262.0 272.0 282.0 292.0	201.1 211.0 221.0 230.9 240.9 250.8 260.7 270.7 280.6 290.5	9.292 9.061 8.946 8.765 8.543 8.397 8.231 8.098 7.858	9.270 9.038 8.923 8.741 8.590 8.517 8.370 8.203 8.070 7.829	33.622 33.696 33.789 33.842 33.897 33.919 33.955 33.975 33.987	25.996 26.092 26.183 26.252 26.319 26.347 26.398 26.449 26.469 26.512	26.910 27.051 27.188 27.303 27.416 27.489 27.587 27.587 27.749 27.840	25.993 26.088 26.179 26.248 26.315 26.394 26.435 26.464 26.508	204.1 195.2 186.7 180.2 174.0 171.5 166.8 163.0 160.3 156.2	5.935 6.136 6.327 6.511 6.688 6.861 7.030 7.195 7.357 7.515	0000000000	1488.7 1488.5 1488.1 1487.8 1487.3 1486.6 1486.8	642.0 702.0 764.0 827.8 893.4 960.7 1029.7 1100.3 1172.6 1246.5	139.2 133.6 86.7 40.7 46.0 31.9 36.6 44.4 53.5
302.0 312.0 322.0 332.0 342.0 352.0 362.0 372.0 382.0 392.0	300.5 310.4 320.3 330.3 340.2 350.1 360.0 370.0 379.9 389.8	7.717 7.578 7.462 7.305 7.221 7.046 6.944 6.846 6.729 6.707	7.687 7.548 7.431 7.273 7.188 7.013 6.910 6.910 6.694 6.671	34.000 33.998 33.997 33.998 33.997 34.000 33.999 34.001 34.005	26.534 26.553 26.569 26.592 26.603 26.629 26.643 26.658 26.677 26.680	27.908 27.973 28.036 28.105 28.162 28.235 28.295 28.357 28.422 28.471	26.530 26.549 26.565 26.587 26.598 26.625 26.638 26.653 26.672 26.675	154.2 152.5 151.1 149.0 148.0 145.6 144.3 143.0 141.3	7.670 7.824 7.976 8.126 8.274 8.421 8.566 8.710 8.852 8.993	0000000000	1485.4 1484.8 1484.3 1484.2 1483.6 1483.4 1483.2 1483.2 1483.0	1321.9 1398.8 1477.3 1557.2 1638.6 1721.5 1805.8 1891.6 1978.8 2067.3	29.4 8.3 13.3 11.5 31.1 11.5 17.9 12.9 7.9
402.0 412.0 422.0 432.0 442.0 452.0 462.0 472.0 482.0 492.0	399.7 409.7 419.6 429.5 439.4 449.3 469.2 479.1 489.0	6.582 6.461 6.246 6.099 5.963 5.865 5.756 5.753 5.618 5.540	6.545 6.424 6.209 6.061 5.925 5.827 5.757 5.713 5.578 5.499	34.010 34.014 34.024 34.028 34.037 34.043 34.045 34.047 34.052 34.055	26.700 26.719 26.755 26.777 26.801 26.819 26.828 26.835 26.855 26.868	28.538 28.603 28.687 28.756 28.828 28.892 28.8948 29.001 29.068 29.127	26.695 26.714 26.750 26.772 26.797 26.814 26.823 26.831 26.851 26.863	139.2 137.5 134.0 132.0 129.6 128.1 127.2 126.6 124.7 123.6	9.133 9.272 9.408 9.540 9.672 9.800 9.928 10.055 10.181 10.304		1482.6 1482.3 1481.7 1481.2 1480.9 1480.5 1480.5 1480.5 1480.1 1480.0	2157.3 2248.6 2341.3 2435.3 2530.6 2627.2 2725.1 2824.2 3026.2	17.6 30.4 27.2 14.8 40.3 6.9 13.6 21.5 20.6 8.9
502.0 512.0 522.0 532.0 542.0 552.0 562.0 572.0 582.0 592.0	499.0 508.9 518.8 528.7 538.6 548.5 558.4 578.3 588.2	5.448 5.368 5.245 5.127 5.065 5.022 4.949 4.883 4.846 4.804	5.406 5.326 5.203 5.084 5.022 4.978 4.904 4.838 4.800 4.758	34.067 34.072 34.073 34.074 34.081 34.091 34.103 34.113 34.123 34.136	26.888 26.901 26.917 26.931 26.944 26.957 26.975 26.990 27.003 27.018	29.194 29.254 29.317 29.379 29.438 29.497 29.563 29.624 29.683 29.744	26.883 26.896 26.912 26.927 26.939 26.952 26.950 26.986 26.998 27.013	121.7 120.4 119.0 117.5 116.4 115.2 113.5 112.1 111.0	10.427 10.548 10.668 10.786 10.903 11.019 11.133 11.246 11.358 11.468	0000000000	1479.8 1479.6 1479.3 1479.0 1478.9 1478.8 1478.8 1478.7 1478.7	3129.0 3233.0 3338.2 3444.6 3552.2 3660.8 3770.7 3881.6 3993.7 4106.8	21.5 5.1 21.5 4.7 10.6 16.7 20.0 16.1 12.9 22.3
602.0 612.0 622.0 632.0 642.0 652.0 662.0 672.0 682.0 692.0	598.1 608.0 617.9 627.8 637.8 647.7 657.6 667.5 677.4 687.3	4.772 4.725 4.686 4.634 4.621 4.591 4.570 4.529 4.499 4.469	4.725 4.678 4.638 4.585 4.572 4.5541 4.518 4.477 4.446 4.416	34.149 34.163 34.178 34.194 34.201 34.216 34.227 34.240 34.249 34.258	27.032 27.049 27.065 27.083 27.090 27.105 27.116 27.132 27.142 27.152	29.805 29.867 29.930 29.995 30.047 30.109 30.166 30.228 30.284 30.341	27.027 27.043 27.059 27.078 27.084 27.100 27.111 27.126 27.136 27.146	108.4 106.9 105.4 103.7 103.2 101.8 100.8 99.4 98.5 97.6	11.577 11.685 11.791 11.895 11.999 12.101 12.203 12.303 12.402 12.500		1478.8 1478.8 1478.8 1478.8 1478.9 1478.9 1479.0 1479.0 1479.1	4221.0 4336.3 4452.6 4570.0 4688.4 4807.8 4928.3 5049.7 5172.0 5295.4	11.5 18.8 17.9 14.1 25.5 27.0 8.0 9.7 13.2 9.7
702.0 712.0 722.0 732.0 742.0 752.0 762.0 772.0 782.0 792.0	697.2 707.1 717.0 726.8 746.7 756.6 766.5 776.4 786.3	4.451 4.417 4.390 4.362 4.316 4.299 4.278 4.231 4.183 4.158	4.397 4.363 4.335 4.306 4.260 4.242 4.220 4.173 4.124 4.099	34.268 34.281 34.293 34.300 34.311 34.321 34.330 34.334	27.162 27.177 27.187 27.192 27.202 27.213 27.223 27.223 27.235 27.244 27.254	30.397 30.458 30.514 30.565 30.622 30.679 30.735 30.794 30.849 30.905	27.156 27.171 27.181 27.186 27.196 27.207 27.217 27.229 27.238 27.248	96.7 95.4 94.5 94.1 93.2 91.3 90.2 89.4 88.5	12.597 12.693 12.788 12.882 12.976 13.069 13.160 13.251 13.341 13.430	.00000000000000000000000000000000000000	1479.2 1479.3 1479.4 1479.4 1479.5 1479.6 1479.6 1479.6	5419.7 5545.0 5671.2 5798.3 5926.4 6055.4 6185.2 6316.0 6447.7 6580.2	15.3 10.3 17.7 5.6 20.0 8.6 20.9 15.3 2.7 4.5
802.0 812.0 822.0 832.0 842.0 852.0 862.0 872.0 882.0	796.2 806.1 816.0 825.9 835.8 845.7 855.6 865.5 875.4	4.145 4.110 4.071 4.077 4.059 4.050 4.005 3.990 3.973 3.961	4.085 4.049 4.009 4.015 3.996 3.986 3.941 3.925 3.907 3.895	34.348 34.355 34.363 34.372 34.379 34.383 34.389 34.394 34.396 34.401	27.259 27.268 27.279 27.285 27.292 27.297 27.306 27.312 27.315 27.321	30.956 31.012 31.069 31.121 31.174 31.225 31.281 31.332 31.382 31.433	27.252 27.261 27.272 27.279 27.286 27.291 27.300 27.305 27.309 27.314	88.1 87.3 86.3 85.8 85.2 84.8 84.0 83.5 83.2 82.8	13.518 13.606 13.693 13.778 13.864 13.949 14.033 14.117 14.201 14.283	.00	1479.7 1479.7 1479.7 1480.0 1480.1 1480.2 1480.2 1480.3 1480.4	6713.6 6847.9 6983.0 7119.0 7255.8 7393.5 7532.0 7671.3 7811.4 7952.3	6.5 10.1 6.5 3.0 9.8 8.9 4.8 5.1 6.6
902.0 912.0 932.0 942.0 952.0 962.0 972.0 982.0	895.2 905.1 915.0 924.9 934.8 944.7 954.6 964.5 984.3	3.934 3.904 3.886 3.867 3.847 3.837 3.807 3.799 3.782 3.757	3.866 3.837 3.817 3.778 3.778 3.766 3.736 3.728 3.710 3.684	34.410 34.419 34.425 34.429 34.432 34.433 34.443 34.443	27.330 27.338 27.343 27.350 27.355 27.358 27.366 27.371 27.375 27.382	31.489 31.543 31.594 31.646 31.698 31.747 31.801 31.851 31.955	27.323 27.331 27.336 27.343 27.348 27.351 27.359 27.363 27.368 27.374	81.9 81.2 80.8 80.3 79.5 78.8 78.5 78.5	14.366 14.448 14.529 14.609 14.689 14.769 14.848 14.927 15.005	000000000000000000000000000000000000000	1480.6 1480.6 1480.7 1480.8 1480.9 1481.0 1481.2 1481.3	8094.1 8236.7 8380.0 8524.2 8669.1 8961.3 9108.6 9256.6 9405.4	10.7 7.5 11.6 5.1 4.9 5.7 5.8 4.9 11.9

Station	29	Latitude	32. 12.)2'N	Longitu	de 127°	54.86'W	29	Apr 1991	GMT 16	:01	Bottom	
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma _0	Sigma-z	Sigma-t		Dyn.Ht	LTR	sv	m3/s2	N ²
₫b	m	°c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	$10^8 \text{m}^3/\text{kg}$	J/kg	0/0	m/s	m³/s²	10 ⁶ /s ²
1002.0	994.2	3.729	3.655	34.457	27.389	32.008	27.382	76.9	15.160	.0	1481.4	9555.0	6.6
1022.0	1013.9	3.667	3.592	34.466	27.403	32.115	27.395	75.6	15.313	-0	1481.5 1481.6	9856.4 10160.7	5.2 1.4
1042.0 1062.0	1033.7 1053.5	3.627 3.581	3.551 3.503	34.470 34.474	27.410 27.418	32.214 32.314	27.403 27.410	75.0 74.3	15.463 15.612	.0	1481.8	10468.0	2.0
1082.0	1073.3	3.528	3.449	34.479	27.427	32.417	27.420	73.4	15.760	.ŏ	1481.9	10778.1	3.7
1102.0	1093.0	3.494	3.414	34.483	27.434	32.515	27.426	72.9	15.906	.0	1482.1	11091.2	7.6
1122.0	1112.8	3.453	3.372	34.492	27.445	32.619	27.437	71.9	16.051	.0	1482.3	11407.1	3.2
1142.0 1162.0	1132.6 1152.3	3.427 3.384	3.344	34.499 34.501	27.453	32.718 32.817	27.445	71.3 70.7	16.194 16.336	.0	1482.5 1482.6	11725.8 12047.3	2.6
1182.0	1172.1	3.359	3.300 3.274	34.509	27.459 27.468	32.918	27.451 27.460	70.0	16.477	ĕ	1482.9	12371.6	9.4
		-		-								12698.6	11.7
1202.0 1222.0	1191.9 1211.6	3.320 3.271	3.233 3.184	34.515 34.516	27.477 27.482	33.018 33.116	27.468 27.474	69.2 68.7	16.616 16.754	.0	1483.0 1483.2	13028.3	4.1
1242.0	1231.4	3.229	3.140	34.524	27.492	33.219	27.484	67.8	16.891	.ŏ	1483.3	13360.6	7.9
1262.0	1251.1	3.207	3.116	34,528	27.498	33.316	27.489	67.4	17.026	.0	1483.6	13695.7	7.4
1282.0	1270.9	3.167	3.075	34.532	27.504	33.415	27.496	66.8	17.160	•0	1483.7	14033.3	4.4
1302.0 1322.0	1290.6 1310.4	3.145 3.100	3.052 3.006	34.534 34.536	27.508 27.514	33.511 33.609	27.500 27.506	66.5 65.9	17.293 17.426	.0	1484.0 1484.1	14373.6 14716.4	1.5 3.0
1342.0	1330.1	3.067	2.971	34.539	27.520	33.706	27.511	65.5	17.557	.ŏ	1484.3	15061.8	5.1
1362.0	1349.9	3.030	2.933	34.543	27.526	33.805	27.517	64.9	17.687	.0	1484.5	15409.8	4.5
1382.0	1369.6	2.997	2.899	34.545	27.531	33.902	27.522	64.5	17.816	.0	1484.7	15760.3	.7
1402.0	1389.4	2.971	2.872	34.547	27.535	33.997	27.526	64.2	17.945	.0	1484.9	16113.3	6.3
1422.0	1409.1	2.936	2.835	34.548	27.539	34.094	27.530	63.7	18.073	.0	1485.1	16468.8	3.1
1442.0	1428.8	2.912	2.810	34.551	27.544	34.190	27.535	63.4	18.200	.0	1485.3	16826.8	4.2
1462.0 1482.0	1448.6 1468.3	2.886 2.856	2.783 2.752	34.554 34.557	27.549 27.554	34.287 34.383	27.539 27.544	63.0 62.5	18.326 18.452	.0	1485.6 1485.8	17187.2 17550.1	1.3 1.9
1502.0	1488.1	2 817	2.711	34.561	27.561	34.483	27.551	61.9	18.576	.0	1485.9	17915.4	5.4
1522.0	1507.8	2.783	2.676	34.563	27.566	34.580	27.556	61.4	18.699	.0	1486.1	18283.2	2.8
1542.0	1527.5	2.752	2.644	34.565	27.570	34.676	27.561	61.0	18.822	.0	1486.3	18653.3	2.2
1562.0 1582.0	1547.2 1567.0	2.716 2.677	2.606 2.566	34.568 34.570	27.576 27.581	34.774 34.871	27.566 27.571	60.5 60.0	18.943 19.064	.0	1486.5 1486.7	19025.8 19400.6	.5 5.2
1602.0	1586.7	2.650	2.538	34.573 34.576	27.585	34.967	27.575	59.6	19.184	.0	1486.9	19777.8 20157.3	4.9 2.9
1622.0 1642.0	1606.4 1626.1	2.628 2.598	2.514 2.483	34.579	27.590 27.595	35.063 35.160	27.580 27.585	59.2 58.7	19.302 19.420	:0	1487.1 1487.3	20137.3	4.1
1662.0	1645.8	2.561	2.445	34.581	27.600	35.257	27.590	58.2	19.537	.0	1487.5	20923.1	2.6
1682.0	1665.6	2.535 2.514	2.418 2.395	34.585	27.605	35.354	27.595	57.8	19.653	.0	1487.7	21309.5	2.0
1702.0	1685.3	2.514	2.395	34.585	27.607	35.447	27.597	57.6	19.769	٠,٥	1488.0 1488.2	21698.0 22088.8	6.7
1722.0 1742.0	1705.0 1724.7	2.477 2.437	2.357 2.315	34.589 34.591	27.613 27.618	35.546 35.643	27.603 27.608	57.0 56.5	19.883	.0	1488.3	22481.8	1.2 9.7
1762.0	1744.4	2.422	2.300	34.591	27.620	35.736	27.610	56.4	20.110	.ŏ	1488.6	22877.0	.0
1782.0	1764.1	2.400	2.276	34.594	27.624	35.831	27.614	56.0	20.222	.0	1488.8	23274.4	. 9
1802.0	1783.8	2.371	2.245	34.595	27,628	35.926	27,617	55.6	20.334	.0	1489.1	23674.0	2.4
1822.0	1803.5	2.346	2.219	34.597	27.632	36.022	27.621	55.3	20.445	.0	1489.3	24075.7	-1.1
1842.0	1823.2	2.323	2.195	34.600	27.635	36.117	27.625	54.9	20.555	.0	1489.5	24479.5	5.1
1862.0 1882.0	1842.9 1862.6	2.287 2.258	2.158 2.128	34.602 34.604	27.640 27.645	36.214 36.310	27.630 27.634	54.4 54.0	20.664 20.773	.0	1489.7 1489.9	24885.5 25293.5	3.3 7.1
1902.0	1882.3	2.236	2.128	34.608	27.649	36.406	27.634	53.6	20.773	0	1490.2	25703.7	1.3
1922.0	1902.0	2.199	2.066	34.610	27.654	36,503	27.644	53.0	20.987	.0	1490.3	26115.9	1.0
1942.0	1921.7	2.169	2.035	34.613	27.659	36.599	27.648	52.6	21.092	.0	1490.5	26530.2	-7
1962.0	1941.4	2.143	2.007 1.983	34.615 34.618	27.663	36.695 36.790	27.652	52.2	21.197 21.301	٠,	1490.8	26946.5	1.9
1982.0	1961.1	2.120			27.667		27.656	51.8		.0	1491.0	27364.8	
2002.0	1980.7	2.101	1.963	34.620 34.623	27.670	36.884	27.659	51.5 50.9	21.404	٠٥.	1491.3 1491.9	27785.1	1.7
2052.0 2096.0	2029.9 2073.2	2.057 2.019	1.915 1.874	34.628	27.677 27.683	37.118 37.325	27.665 27.672	50.3	21.660 21.883	.0	1491.9	28844.6 29787.1	1.6
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Station Pres.		Latitude	32° 19.		-	ude 127°		29	Apr 1991	GMT 8	8:19	Bottom	3535 m
db 2.0	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-6 kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /k	Dyn.Ht J/kg	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
12.0 22.0 32.0 42.0 52.0 62.0 72.0 82.0 92.0	2.0 12.0 21.9 31.8 51.8 61.8 71.7 81.7 91.7	15.029 15.029 15.023 14.484 14.162 14.165 14.421 14.427	15.029 15.028 15.025 15.018 14.478 14.155 14.156 14.410 14.415 14.258	33.185 33.183 33.183 33.123 33.123 33.124 33.232 33.239 33.217	24.567 24.566 24.568 24.658 24.705 24.736 24.736 24.756	24.576 24.619 24.664 24.710 24.844 24.935 24.995 25.103 25.103	24.567 24.566 24.567 24.656 24.704 24.719 24.738 24.738 24.753	336.1 336.4 336.7 336.8 328.6 324.3 323.1 322.0 321.9 320.6	.067 .403 .740 1.077 1.411 1.737 2.060 2.383 2.705 3.026	000000000000000000000000000000000000000	1505.3 1505.5 1505.6 1505.8 1504.1 1503.2 1503.4 1504.5 1504.7	2.4 8.1 17.2 29.6 45.2 64.1 86.3 111.6 140.1	-2.5 2.8 3.1 7 58.6 17.3 11.1 12.4 7.1 18.8
102.0 112.0 122.0 132.0 142.0 152.0 162.0 172.0 182.0 192.0	101.6 111.6 121.5 131.5 141.4 151.4 161.3 171.3 181.2 191.2	14.332 14.033 12.717 11.724 10.841 10.379 9.990 9.780 9.556 9.427	14.317 14.017 12.701 11.708 10.824 10.361 9.971 9.760 9.536 9.406	33.267 33.254 33.106 33.054 33.053 33.151 33.206 33.312 33.390	24.782 24.835 24.985 25.132 25.291 25.393 25.513 25.592 25.711 25.794	25.234 25.331 25.529 25.723 25.930 26.077 26.244 26.368 26.534 26.661	24.779 24.831 24.982 25.129 25.288 25.389 25.510 25.589 25.708 25.790	318.4 313.7 299.3 285.3 270.2 260.7 249.3 242.0 230.8 223.2	3.345 3.662 3.969 4.260 4.802 5.056 5.303 5.766	00000000000	1504.8 1503.9 1499.5 1496.2 1493.2 1491.8 1490.6 1490.1 1489.6 1489.3	171.9 206.8 244.8 285.7 329.5 376.0 425.0 476.6 530.5 586.7	35.2 97.5 255.1 166.5 94.6 62.0 33.2 99.7 123.8
202.0 212.0 222.0 232.0 242.0 252.0 262.0 272.0 282.0 292.0	201.1 211.0 221.0 230.9 240.9 250.8 260.7 270.7 280.6 290.5	9.207 9.211 9.003 8.743 8.587 8.484 8.406 8.234 8.059 7.896	9.185 9.188 8.979 8.718 8.562 8.458 8.379 8.206 8.031 7.867	33.517 33.664 33.778 33.852 33.895 33.918 33.933 33.962 33.982 33.989	25.928 26.042 26.165 26.264 26.321 26.379 26.428 26.470 26.500	26.842 27.001 27.170 27.315 27.418 27.568 27.568 27.751 27.827	25.924 26.039 26.162 26.260 26.317 26.352 26.375 26.424 26.466 26.495	210.5 199.9 188.4 179.1 173.8 170.7 168.6 160.1 157.4	5.985 6.191 6.384 6.568 6.744 6.917 7.087 7.253 7.414 7.573	00000000000	1488.8 1489.2 1488.7 1488.0 1487.7 1487.5 1486.9 1486.4 1486.0	645.1 705.7 768.2 832.5 898.7 966.6 1036.1 1107.3 1180.2 1254.6	166.1 162.6 32.5 38.7 33.1 26.0 52.7 101.8 30.1 28.6
302.0 312.0 322.0 332.0 342.0 352.0 362.0 372.0 382.0 392.0	300.5 310.4 320.3 330.3 340.2 350.1 360.0 370.0 379.9 389.8	7.848 7.628 7.569 7.329 7.175 7.047 6.785 6.532 6.532 6.347	7.818 7.597 7.538 7.297 7.143 7.014 6.752 6.498 6.400 6.312	34.008 34.014 34.023 34.032 34.031 34.028 34.018 34.014 34.011 34.019	26.522 26.558 26.574 26.615 26.636 26.651 26.679 26.709 26.720 26.737	27.895 27.978 28.040 28.128 28.196 28.257 28.333 28.411 28.468 28.532	26.518 26.554 26.569 26.611 26.632 26.646 26.674 26.705 26.716 26.733	155.5 152.1 150.7 146.8 144.9 143.5 140.8 137.9 136.9 135.3	7.729 7.882 8.033 8.182 8.328 8.472 8.615 8.755 8.755 9.028	00000000000	1485.3 1485.2 1484.5 1484.0 1483.7 1482.8 1482.0 1481.7 1481.6	1330.6 1408.1 1487.2 1567.7 1649.6 1733.0 1817.9 1904.1 1991.7 2080.6	49.1 17.7 28.8 37.5 2.7 34.5 30.4 12.5
402.0 412.0 432.0 432.0 452.0 452.0 462.0 472.0 482.0 492.0	399.7 409.7 419.6 429.5 439.4 449.4 459.3 469.2 479.1 489.0	6.168 6.132 6.028 5.923 5.847 5.726 5.624 5.531 5.401 5.348	6.133 6.096 5.991 5.886 5.810 5.688 5.585 5.361 5.308	34.022 34.026 34.034 34.039 34.042 34.043 34.053 34.054 34.058	26.763 26.771 26.791 26.807 26.817 26.834 26.848 26.867 26.883 26.893	28.605 28.659 28.725 28.788 28.844 28.970 28.970 28.970 29.035 29.099 29.155	26.759 26.767 26.786 26.802 26.812 26.830 26.844 26.862 26.878 26.888	132.9 132.2 130.4 128.9 128.0 126.4 125.1 123.4 121.8 120.9	9.161 9.294 9.425 9.555 9.684 9.811 9.936 10.061 10.184 10.305	0000000000	1481.0 1481.0 1480.8 1480.5 1480.4 1480.1 1479.6 1479.6 1479.3 1479.2	2170.8 2262.4 2355.3 2449.5 2541.6 2739.6 2838.8 2939.2 3040.8	3.7 33.9 2.2 18.6 13.6 20.3 8.9 13.5 18.5
502.0 512.0 522.0 532.0 542.0 552.0 562.0 572.0 582.0 592.0	499.0 508.9 518.8 528.7 538.6 548.5 558.5 568.4 578.3 588.2	5.270 5.205 5.112 5.087 4.997 4.954 4.939 4.837 4.811 4.784	5.229 5.164 5.070 5.045 4.954 4.910 4.894 4.832 4.766 4.738	34.067 34.075 34.081 34.083 34.099 34.109 34.120 34.128 34.137	26.909 26.923 26.939 26.944 26.962 26.971 26.981 26.997 27.010 27.021	29.218 29.278 29.341 29.392 29.456 29.513 29.568 29.631 29.691 29.748	26.904 26.918 26.934 26.939 26.957 26.966 26.976 26.992 27.005	119.4 118.2 116.7 116.3 114.6 113.8 113.0 111.5 110.3 109.3	10.425 10.544 10.661 10.778 10.893 11.007 11.121 11.233 11.344 11.454	.0	1479.1 1479.0 1478.8 1478.6 1478.6 1478.7 1478.7	3143.6 3247.6 3352.8 3459.1 3566.5 3784.8 3895.6 4020.5	6.2 22.3 7.4 9.3 8 9.4 22.9 3.8 21.1 9.7
602.0 612.0 622.0 632.0 642.0 652.0 662.0 692.0	598.1 608.0 617.9 627.8 637.7 657.6 667.5 677.4	4.733 4.720 4.710 4.686 4.674 4.647 4.624 4.595 4.592 4.490	4.686 4.673 4.662 4.637 4.624 4.597 4.572 4.543 4.469 4.437	34.157 34.185 34.192 34.197 34.202 34.211 34.229 34.243 34.250 34.261	27.042 27.066 27.073 27.085 27.085 27.095 27.112 27.127 27.140 27.153	29.815 29.885 29.938 29.991 30.042 30.098 30.161 30.222 30.282 30.341	27.037 27.061 27.068 27.074 27.079 27.090 27.107 27.121 27.134 27.147	107.4 105.2 104.7 104.1 103.7 102.8 101.3 100.0 98.7 97.6	11.562 11.668 11.773 11.878 11.982 12.085 12.187 12.288 12.387 12.485	0000000000	1478.6 1478.8 1478.9 1479.0 1479.1 1479.2 1479.2 1479.3 1479.2	4234.6 4349.7 4465.9 4583.1 4701.3 4820.6 4940.8 5062.1 5184.3 5307.5	10.9 18.2 2.7 8.3 1.8 20.3 19.4 17.1 6.2 11.2
702.0 712.0 712.0 732.0 742.0 752.0 762.0 772.0 782.0 792.0	697.2 707.1 717.0 726.9 736.8 746.7 756.6 766.5 776.4 786.3	4.457 4.431 4.389 4.352 4.345 4.317 4.277 4.272 4.232 4.232	4.403 4.377 4.334 4.297 4.288 4.260 4.220 4.194 4.173 4.148	34.268 34.284 34.295 34.304 34.311 34.323 34.333 34.339 34.339 34.349	27.162 27.177 27.190 27.201 27.208 27.221 27.232 27.240 27.250 27.258	30.396 30.458 30.517 30.575 30.627 30.686 30.744 30.798 30.855 30.908	27.156 27.171 27.184 27.195 27.202 27.215 27.226 27.234 27.244 27.252	96.8 95.4 94.2 93.6 91.5 99.8 88.9 88.2	12.582 12.678 12.773 12.867 12.960 13.052 13.143 13.233 13.322 13.410	00000000000	1479.3 1479.3 1479.3 1479.4 1479.5 1479.6 1479.6 1479.7 1479.7	5431.7 5556.8 5682.9 5809.8 5937.7 6066.5 6196.2 6326.8 6458.3 6590.7	16.8 8.0 8.9 16.5 8.9 19.4 15.0 17.7
802.0 812.0 822.0 832.0 842.0 852.0 862.0 872.0 882.0	796.2 806.1 816.0 825.9 835.7 855.6 865.5 875.4 885.3	4.145 4.149 4.125 4.084 4.057 4.009 3.981 3.948 3.925 3.914	4.084 4.088 4.064 4.022 3.994 3.945 3.917 3.883 3.859 3.848	34.363 34.367 34.370 34.381 34.387 34.397 34.402 34.404 34.409 34.414	27.270 27.274 27.278 27.291 27.299 27.313 27.319 27.324 27.331 27.335	30.968 31.017 31.067 31.127 31.181 31.241 31.294 31.345 31.398 31.448	27.264 27.267 27.272 27.285 27.293 27.306 27.313 27.318 27.324 27.329	87.0 86.8 86.4 85.2 84.5 83.3 82.2 81.7 81.3	13.498 13.585 13.672 13.757 13.842 13.926 14.009 14.092 14.174 14.255	000000000000000000000000000000000000000	1479.7 1479.9 1480.0 1480.0 1480.1 1480.1 1480.1 1480.2 1480.3	6723.9 6857.9 6992.9 7128.6 7265.2 7402.7 7540.9 7680.0 7819.8 7960.5	4.5 8.9 5.1 2.8 11.5 10.7 5.4 4.5 2.2 11.3
902.0 912.0 922.0 932.0 942.0 952.0 972.0 982.0 992.0	895.2 905.1 915.0 924.9 934.8 944.7 954.6 964.5 974.4 984.3	3.889 3.863 3.836 3.815 3.801 3.777 3.753 3.742 3.732 3.725	3.822 3.795 3.768 3.746 3.731 3.707 3.683 3.671 3.660 3.652	34.414 34.421 34.427 34.433 34.437 34.443 34.443 34.443 34.453	27.338 27.344 27.350 27.356 27.362 27.368 27.375 27.381 27.386 27.389	31.498 31.550 31.601 31.654 31.706 31.758 31.812 31.864 31.914 31.962	27.331 27.337 27.343 27.349 27.355 27.361 27.368 27.374 27.379 27.381	78.5 77.8	14.337 14.417 14.498 14.577 14.657 14.736 14.814 14.891 14.968 15.045		1480.4 1480.5 1480.6 1480.7 1480.8 1480.8 1481.0 1481.1 1481.2	8102.0 8244.2 8387.3 8531.1 8675.8 8821.1 8967.3 9114.2 9261.9 9410.3	23.6 1.3 6.3 9.2 76.5 5.2

Station	30	Latitude	32. 19.	55'N	Longitu	de 127°	51.55'W	29	Apr 1991	GMT	8:19	Bottom	3535 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn.Ht	LTR		TF m ³ /s ²	N ²
ďЪ	m	•c	·c	0/00	kg/m ³	kg/m ³	kg/m ³	$10^8 m^3/kg$	J/kg	0/0	m/s	m ³ /s ²	10 ⁶ /s ²
1002.0	994.1	3.715	3.641	34.460	27.393	32.013	27.386	76.5	15.122	.0	1481.3	9559.5	7.8
1022.0 1042.0	1013.9 1033.7	3.660	3.585 3.535	34.471	27.407	32.120	27.400	75.2	15.274	.0		9860.1 10163.7	8.7 11.9
1062.0	1053.7	3.611 3.577	3.500	34.477 34.482	27.417 27.425	32.222 32.322	27.410 27.417	74.3 73.7	15.423 15.571	.0		10470.1	4.6
1082.0	1073.3	3.553	3.474	34.486	27.430	32.419	27.422	73.3	15.718	.ŏ	1482.0	10779.5	3.8
1102.0	1093.0	3.496	3.415	34.488	27.437	32.519	27.430	72.6	15.864	.0	1482.1	11091.7	7.9
1122.0 1142.0	1112.8 1132.6	3.471 3.447	3.390 3.364	34.496 34.498	27.446 27.450	32.619 32.715	27.438	71.9 71.6	16.008 16.152	.0	1482.3 1482.6	11406.7 11724.6	2.0 2.6
1162.0	1152.3	3.404	3.320	34.498	27.450	32.715	27.442 27.450	70.9	16.294	.0		12045.3	7.9
1182.0	1172.1	3.345	3.260	34.509	27.469	32.919	27.461	69.8	16.435	.o	1482.8	12368.7	1.5
1202.0	1191.8	3.314	3.227	34.512	27.474	33.016	27.466	69.4	16.574	.0	1483.0	12694.8	5.3
1222.0 1242.0	1211.6 1231.4	3.273 3.220	3.185 3.131	34.516 34.521	27.482 27.491	33.116 33.218	27.473 27.482	68.8 67.9	16.712 16.849	.0		13023.7 13355.2	4.4 8.8
1262.0	1251.1	3.184	3.094	34.524	27.491	33.316	27.482	67.4	16.984	:0		13689.4	2.4
1282.0	1270.9	3.160	3.068	34.526	27.501	33.411	27.492	67.1	17.119	0	1483.7	14026.3	1.5
1302.0	1290.6	3.147	3.054	34.529	27.504	33.507	27.496	66.9	17.253	.0	1484.0	14365.7	3.0
1322.0 1342.0	1310.4 1330.1	3.087 3.069	2.993 2.974	34.534 34.535	27.514 27.516	33.609 33.703	27.506 27.507	65.9 65.8	17.386 17.517	.0		14707.8 15052.4	2.4 2.4
1362.0	1349.9	3.051	2.954	34.537	27.520	33.798	27.511	65.5	17.649	.0		15399.6	1.6
1382.0	1369.6	3.018	2.920	34.541	27.526	33.896	27.517	65.0	17.779	.0		15749.3	3.3
1402.0	1389.3	2.986	2.886	34.545	27.532	33.994	27.523	64.5	17.909	.0	1485.0	16101.6	3.9
1422.C 1442.0	1409.1 1428.8	2.955 2.901	2.854 2.799	34.547 34.552	27.537 27.546	34.090 34.193	27.527 27.537	64.1 63.1	18.038 18.165	.0	1485.2 1485.3	16456.4 16813.7	4.2 5.1
1462.0	1448.6	2.873	2.769	34.554	27.550	34.288	27.540	62.9	18.291	.ŏ		17173.4	-:7
1482.0	1468.3	2.845	2.741	34.556	27.554	34.384	27.544	62.5	18.416	.0	1485.7	17535.6	1.3
1502.0	1488.0	2.815	2.709	34.557	27.558	34.480	27.548	62.1	18.541	.0	1485.9	17900.3	8
1522.0 1542.0	1507.8 1527.5	2.800 2.748	2.693 2.640	34.558 34.563	27.560 27.568	34.574 34.674	27.551 27.559	62.0 61.2	18.665 18.788	.0	1486.2 1486.3	18267.3 18636.8	1.4 1.1
1562.0	1547.2	2.720	2.610	34.566	27.573	34.771	27.564	60.7	18.910	.ŏ	1486.5	19008.6	7.5
1582.0	1566.9	2.682	2.571	34.568	27.579	34.868	27.569	60.2	19.031	.0	1486.7	19382.8	1.7
1602.0	1586.7	2.636	2.524	34.572	27.586	34.968	27.576	59.5	19.151	.0	1486.8	19759.3	4.3
1622.0 1642.0	1606.4 1626.1	2.619 2.584	2.505 2.469	34.573 34.576	27.588 27.593	35.062 35.159	27.578 27.583	59.3 58.8	19.270 19.388	.0	1487.1 1487.3	20138.2 20519.3	3.5 2.9
1662.0	1645.8	2.553	2.437	34.578	27.598	35.256	27.588	58.3	19.505	.ŏ	1487.5	20902.7	1.4
1682.0	1665.5	2.517	2.399	34.585	27.606	35.356	27.597	57.6	19.621	.0	1487.7	21288.4	3.5
1702.0 1722.0	1685.3 1705.0	2.487	2.368 2.341	34.586 34.589	27.611	35.452 35.548	27.601	57.2	19.736	٠,٥		21676.3	3.8
1742.0	1724.7	2.461 2.436	2.315	34.590	27.615 27.617	35.642	27.605 27.607	56.8 56.5	19.850 19.963	.0	1488.1 1488.3	22066.5 22458.8	4.4 6.2
1762.0	1744.4	2.409	2.286	34.593	27.622	35.738	27.612	56.1	20.076	.ŏ	1488.5	22853.3	3.3
1782.0	1764.1	2.378	2.254	34.595	27.627	35.835	27.617	55.6	20.187	.0	1488.8	23250.0	3.6
1802.0 1822.0	1783.8 1803.5	2.342	2.217 2.182	34.596	27.631	35.931	27.621	55.2	20.298	.0		23648.9	و. ۽
1842.0	1823.2	2.308 2.295	2.167	34.599 34.600	27.636 27.638	36.028 36.121	27.626 27.627	54.7 54.6	20.408 20.517	.0		24049.9 24453.0	6.5 .7
1862.0	1842.9	2.279	2.150	34.602	27.641	36.215	27.630	54.3	20.626	.ŏ		24858.2	
1882.0	1862.6	2.256	2.125	34.604	27.644	36.310	27.633	54.0	20.735	.0	1489.9	25265.5	1.9
1902.0 1922.0	1882.3	2.224 2.204	2.093	34.607	27.649	36.407	27.639	53.5	20.842	٠,٥		25674.9	5.1
1942.0	1902.0 1921.7	2.182	2.071 2.048	34.609 34.611	27.653 27.656	36.501 36.596	27.642 27.645	53.2 52.9	20.949 21.055	.0		26086.4 26499.9	1.9 1.9
1962.0	1941.3	2.178	2.042	34.611	27.657	36.687	27.646	52.9	21.161	.ŏ	1490.9	26915.5	2
1982.0	1961.0	2.159	2.021	34.614	27.660	36.782	27.649	52.5	21.266	.0	1491.2	27333.1	1.4
2002.0	1980.7	2.141	2.002	34.615	27.663	36.875	27.652	52.3	21.371	.0	1491.4	27752.8	5.5
2052.0 2096.0	2029.9 2073.2	2.093 2.047	1.950 1.902	34.620 34.624	27.671 27.678	37.111 37.319	27.660 27.667	51.6 50.9	21.631 21.857	.0		28810.7 29752.0	5.8
	_0.5.2	2.011	1.702	-71.02.7	27.070	31.319	21.001	50.5	-1.00,	.0	1772.0	29132.0	

Station		Latitude				ude 127°			Apr 1991			Bottom	
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg		LTR 0/0	sv m/s	m ³ /s ²	
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	14.951 14.933 14.929 14.919 14.580 14.417 14.348 14.316	14.951 14.926 14.915 14.913 14.572 14.409 14.338 14.304	33.119 33.116 33.119 33.129 33.197 33.191 33.201 33.209 33.201	24.533 24.536 24.537 24.550 24.675 24.705 24.727 24.741 24.750	24.534 24.580 24.625 24.674 24.726 24.970 25.037 25.095 25.148	24.534 24.535 24.536 24.540 24.549 24.673 24.703 24.725 24.738 24.747	339.2 339.3 339.4 338.8 327.2 324.6 322.7 321.7	.000 .339 .679 1.018 1.357 1.690 2.016 2.339 2.662 2.983	0000000000	1504.9 1505.0 1505.3 1505.5 1504.6 1504.3 1504.2 1504.2	.0 1.7 6.8 15.2 27.0 42.2 60.7 82.4 107.3	.0 6.2 6.0 5.4 48.7 50.7 24.4 31.1 1.2 13.5
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2	14.329 14.168 13.191 11.642 10.844 10.209 9.992 9.640 9.488 9.385	14.314 14.153 13.175 11.626 10.827 10.192 9.974 9.621 9.469 9.365	33.247 33.262 33.167 33.056 33.128 33.128 33.176 33.286 33.388 33.516	24.768 24.813 24.939 25.149 25.302 25.459 25.533 25.781 25.899	25.210 25.300 25.473 25.731 25.932 26.135 26.244 26.445 26.4595 26.757	24.765 24.810 24.936 25.1300 25.456 25.530 25.674 25.778 25.895	319.7 315.7 303.8 283.7 269.1 254.3 247.4 233.9 224.1 213.2	3.304 3.622 3.931 4.227 4.502 4.766 5.017 5.257 5.485 5.702	000000000000000000000000000000000000000	1504.7 1504.4 1501.2 1495.9 1493.2 1491.2 1490.6 1489.6 1489.4 1489.3	166.7 201.2 238.8 279.4 322.9 369.0 417.6 468.7 522.2 577.8	31.7 52.5 100.3 273.7 35.7 163.3 131.6 143.9 152.1 28.5
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.314 9.250 9.178 8.824 8.746 8.599 8.444 8.342 8.193	9.292 9.227 9.154 8.800 8.721 8.573 8.417 8.314 8.165 8.027	33.611 33.668 33.751 33.811 33.837 33.898 33.939 33.958 33.969 33.983	25.984 26.039 26.116 26.219 26.251 26.323 26.378 26.409 26.440 26.472	26.889 26.989 27.111 27.260 27.339 27.456 27.558 27.634 27.711 27.789	25.981 26.035 26.112 26.215 26.247 26.319 26.374 26.405 26.435 26.467	205.2 200.2 193.0 183.4 180.4 173.8 168.6 165.9 163.1 160.1	5.912 6.116 6.312 6.500 6.681 6.859 7.030 7.197 7.361 7.522	00000000000	1489.3 1489.3 1488.2 1488.1 1487.8 1487.5 1486.9 1486.5	635.5 695.3 757.1 820.8 886.3 953.5 1022.5 1093.2 1165.5 1239.4	15.3 115.5 75.9 106.0 12.3 77.6 35.7 55.0 29.5 19.2
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.3 338.3 338.1 358.0 368.0 377.9 387.8	7.821 7.709 7.603 7.538 7.498 7.345 7.144 7.016 6.911 6.737	7.791 7.679 7.572 7.506 7.465 7.312 7.312 7.110 6.982 6.876 6.701	33.997 33.998 34.006 34.015 34.023 34.026 34.031 34.030 34.027 34.028	26.517 26.534 26.556 26.572 26.585 26.609 26.640 26.657 26.670 26.694	27.882 27.944 28.013 28.074 28.133 28.203 28.282 28.345 28.404 28.475	26.513 26.530 26.552 26.568 26.580 26.604 26.635 26.665 26.665	155.9 154.4 152.4 151.0 149.9 147.7 144.7 143.2 143.2 143.8	7.681 7.836 7.990 8.141 8.292 8.441 8.587 8.731 8.874 9.015	00000000000	1485.8 1485.5 1485.3 1485.2 1485.2 1484.8 1484.2 1483.6 1483.1	1314.9 1392.0 1470.6 1550.7 1632.3 1715.3 1799.8 1885.8 1973.2 2062.0	41.5 2.5 28.5 14.2 39.7 12.7 21.5 3.0 24.6 16.7
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.8 407.7 417.6 427.5 437.5 447.4 457.3 467.2 477.1 487.0	6.566 6.316 6.268 6.237 6.192 6.127 5.897 5.797 5.705 5.650	6.530 6.280 6.231 6.199 6.153 6.087 5.757 5.665 5.669	34.021 34.031 34.033 34.044 34.048 34.063 34.067 34.071 34.072	26.711 26.751 26.760 26.768 26.778 26.789 26.830 26.846 26.860 26.868	28.540 28.628 28.682 28.737 28.793 28.850 28.939 29.001 29.063 29.117	26.706 26.747 26.755 26.763 26.773 26.784 26.825 26.841 26.855 26.863	138.1 134.2 133.6 132.9 132.0 131.1 127.7 124.3 123.7	9.154 9.290 9.424 9.557 9.689 9.821 9.951 10.077 10.202 10.326	00000000000	1482.6 1481.7 1481.8 1481.8 1481.7 1480.9 1480.7 1480.5 1480.4	2152.1 2243.7 2336.5 2430.7 2526.2 2623.0 2721.1 2820.4 2921.0 3022.8	18.1 12.5 1.4 7.8 7.5 11.9 62.3 6.6 19.8 4.5
500.0 510.0 520.0 540.0 550.0 560.0 580.0 590.0	497.0 506.9 516.8 526.6 546.5 556.5 566.4 576.3 586.2	5.560 5.477 5.411 5.351 5.321 5.197 5.065 4.936 4.937 4.927	5.519 5.435 5.369 5.307 5.277 5.153 5.020 4.891 4.891 4.880	34.080 34.089 34.095 34.105 34.111 34.115 34.131 34.132 34.132	26.885 26.903 26.915 26.926 26.934 26.953 26.972 26.999 27.000	29.181 29.245 29.304 29.361 29.415 29.482 29.548 29.622 29.669 29.716	26.880 26.898 26.910 26.920 26.929 26.948 26.967 26.993 26.994	122.0 120.4 119.3 118.4 117.7 115.8 114.0 111.4 111.4	10.449 10.570 10.690 10.809 10.927 11.043 11.158 11.271 11.382 11.494	00000000000	1480.2 1480.1 1480.0 1479.9 1480.0 1479.6 1479.2 1479.2 1479.1 1479.2	3125.8 3230.1 3335.5 3442.1 3549.9 3658.8 3768.9 3880.0 3992.3 4105.7	14.2 18.3 20.6 13.3 16.5 22.6 39.0 11.8
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 616.0 625.9 635.8 645.7 655.6 665.5 675.4	4.813 4.747 4.717 4.662 4.652 4.618 4.621 4.587 4.540 4.490	4.765 4.699 4.669 4.613 4.602 4.568 4.570 4.535 4.487 4.437	34.155 34.182 34.181 34.194 34.204 34.215 34.224 34.242 34.259 34.272	27.032 27.060 27.063 27.080 27.089 27.102 27.108 27.127 27.145 27.161	29.795 29.870 29.919 29.982 30.037 30.096 30.148 30.213 30.278 30.340	27.027 27.055 27.058 27.075 27.083 27.096 27.103 27.121 27.139 27.155	108.4 105.8 105.6 104.0 103.3 102.1 101.6 99.9 98.3 96.8	11.604 11.711 11.816 11.921 12.025 12.127 12.229 12.330 12.429 12.527		1478.9 1478.8 1478.8 1478.8 1479.0 1479.2 1479.2 1479.2 1479.2	4220.2 4335.8 4452.4 4570.0 4688.6 4808.3 4929.0 5050.7 5173.3 5297.0	31.4 6.8 5.3 2.4 15.6 3.6 12.4 4.2 20.9
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0	695.2 705.1 715.0 724.9 734.8 734.7 754.7 764.5 774.5	4.486 4.471 4.461 4.457 4.424 4.370 4.358 4.327 4.308 4.263	4.433 4.416 4.406 4.400 4.368 4.312 4.300 4.268 4.249 4.203	34.272 34.277 34.280 34.281 34.291 34.306 34.308 34.319 34.325 34.337	27.161 27.167 27.170 27.172 27.184 27.202 27.204 27.216 27.223 27.238	30.386 30.438 30.487 30.535 30.593 30.657 30.706 30.764 30.816 30.878	27.156 27.162 27.164 27.166 27.178 27.195 27.198 27.210 27.217 27.232	96.8 96.3 96.2 96.1 95.1 93.4 93.2 92.1 91.6 90.2	12.624 12.720 12.817 12.913 13.008 13.103 13.196 13.289 13.381 13.472	000000000	1479.4 1479.5 1479.6 1479.7 1479.8 1479.7 1479.9 1479.9 1480.0	5421.5 5547.1 5673.6 5801.0 5929.4 6058.7 6188.9 6320.0 6585.0	4.5 4.2 7.7 9.2 2.7 5.3 1.6
800.0 810.0 820.0 830.0 840.0 850.0 860.0 880.0 890.0	794.3 804.2 814.1 824.0 833.9 853.7 863.5 873.5 883.3	4.243 4.202 4.199 4.174 4.156 4.084 4.085 4.012 3.982	4.182 4.141 4.137 4.111 4.093 4.072 4.019 3.990 3.946 3.915	34.342 34.353 34.353 34.359 34.362 34.368 34.381 34.387 34.396 34.401	27.244 27.257 27.257 27.265 27.269 27.276 27.292 27.299 27.311 27.319	30.930 30.990 31.036 31.089 31.140 31.193 31.255 31.309 31.367 31.421	27.238 27.251 27.251 27.258 27.269 27.269 27.285 27.293 27.304 27.312	89.7 88.5 88.5 87.9 87.5 86.5 84.7 83.0	13.561 13.651 13.739 13.827 13.915 14.002 14.089 14.174 14.258 14.342	.00000000000000000000000000000000000000	1480.1 1480.2 1480.3 1480.4 1480.5 1480.5 1480.5 1480.5	6718.9 6853.6 6989.2 7125.6 7262.9 7401.1 7540.1 7680.0 7820.7 7962.2	3.6 3.6 6.9 8.3 4.8 11.6 12.3
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.4 982.3	3.978 3.938 3.887 3.859 3.820 3.807 3.763 3.744 3.731	3.911 3.870 3.819 3.750 3.751 3.737 3.692 3.672 3.658	34.402 34.410 34.420 34.426 34.433 34.435 34.445 34.445 34.445	27.320 27.330 27.344 27.351 27.361 27.364 27.375 27.377 27.378 27.378	31.468 31.525 31.585 31.639 31.695 31.744 31.802 31.851 31.897 31.947	27.313 27.323 27.337 27.344 27.354 27.356 27.368 27.370 27.371 27.375	83.0 82.0 80.8 80.0 77.9 77.7 77.7	14.425 14.507 14.589 14.669 14.749 14.828 14.906 14.984 15.062	0000000000	1480.7 1480.7 1480.7 1480.7 1480.7 1480.8 1480.8 1480.9 1481.1	8104.5 8247.7 8391.6 8536.4 8681.9 8828.2 8975.3 9123.1 9271.7 9421.1	2.5 6.6 9.8 4 6.6 13.1 13.3 4.0 2.5

Station	31	Latitude	32° 23.0	68'N	Longitu	de 127°	49.51'W	29	Apr 1991	GMT 20	:30	Bottom	1700 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn.Ht	LTR	sv	TF	N ²
ďЬ	m	·c ·	•c	0/00	kg/m ³	kg/m ³	kg/m ³	$10^{8} m^{3}/kg$		0/0	m/s	TF m ³ /s ²	10 ⁶ /s ²
1000.0	992.2	3,687	3.614	34.455	27.392	32.003	27.384	76.5	15.216	.0	1481.2	9571.2	19.5
1020.0	1012.0	3.603	3.529	34.466	27.409	32.113	27.401	74.9	15.367	.ŏ	1481.2	9873.6	-1.6
1040.0	1031.7	3.572	3.496	34.470	27.416	32.212	27,408	74.3	15.516	.0	1481.4	10179.0	6.6
1060.0	1051.5	3.542	3.465	34.480	27.426	32.315	27.419	73.4	15.664	٠.	1481.6	10487.3	4.0
1080.0	1071.3	3.477	3.399	34.485	27.437	32.418	27.429	72.4	15.810	.0	1481.7	10798.5	7.0
1100.0 1120.0	1091.1 1110.8	3.463	3.383	34.487	27.440	32.513	27.432	72.3	15.955	٠.٥	1481.9	11112.5	6
1140.0	1130.6	3.447 3.405	3.366 3.322	34.490 34.499	27.443 27.455	32.608	27.436	72.0	16.099	٠,٥	1482.2	11429.4	9.3
1160.0	1150.3	3.351	3.268	34.508	27.468	32.712 32.817	27.447 27.460	71.0 69.8	16.242 16.383	:0	1482.4 1482.5	11749.0 12071.5	2.0 15.5
1180.0	1170.1	3.282	3.197	34.516	27.481	32.924	27.473	68.6	16.521	:0	1482.5	12396.6	8.8
					,		-						
1200.0	1189.9	3.269	3.183	34.517	27.483	33.017	27.475	68.5	16.659	٥.	1482.8	12724.5	3.8
1220.0	1209.6	3.244	3.157	34.520	27.487	33.113	27.479	68.1	16.795	.0	1483.0	13055.0	1.8
1240.0 1260.0	1229.4 1249.2	3.204 3.190	3.115	34.524	27.494	33.213	27.486	67.5	16.931	٠,٥	1483.2	13388.1	2.7
1280.0	1268.9	3.149	3.099 3.058	34.524 34.528	27.496 27.503	33.306 33.406	27.488 27.495	67.5 66.8	17.065 17.200	.0	1483.5 1483.6	13723.9 14062.4	.9
1300.0	1288.7	3.111	3.019	34.531	27.509	33.504	27.501	66.3	17.333	:0	1483.8	14403.4	٠,٢
1320.0	1308.4	3.090	2.996	34.533	27.512	33.598	27.504	66.1	17.465	:ŏ	1484.0	14747.1	.6 5.3
1340.0	1328.2	3.081	2.986	34.534	27.514	33.692	27.506	66.0	17.597	.ŏ	1484.3	15093.3	10.9
1360.0	1347.9	3.040	2,943	34.539	27.522	33.791	27.513	65.3	17.729	.ŏ	1484.5	15442.0	1.3
1380.0	1367.6	3.018	2.920	34.541	27.526	33.887	27.517	65.0	17.859	.ŏ	1484.7	15793.4	1.6
1400.0	1387.4	2.981	2.881	34.543	27.531	33,984	27.522	64.6	17.989	.0	1484.9	16147.2	1.9
1420.0	1407.1	2.947	2.846	34.547	27.537	34.083	27.528	64.0	18.117	.ŏ	1485.1	16503.6	5.7
1440.0	1426.9	2.930	2.828	34.549	27.540	34.177	27.531	63.8	18.245	.ŏ	1485.4	16862.4	2.2
1460.0	1446.6	2.864	2.761	34.554	27.550	34.280	27.541	62.7	18.372	.ŏ	1485.4	17223.8	7.8
1480.0	1466.3	2.829	2.725	34.556	27.556	34,378	27.546	62.2	18.497	.o	1485.6	17587.5	6.0
1500.0	1486.1	2.789	2.684	34.560	27.562	34.477	27.553	61.6	18,620	.0	1485.8	17953.7	2.8
1520.0	1505.8	2.730	2,624	34.565	27.572	34.579	27.562	60.7	18.742	.0	1485.9	18322.3	-1.3
1540.0	1525.5	2.684	2.576	34.568	27.578	34.678	27.569	60.0	18.863	.0	1486.0	18693.3	3.7
1560.0	1545.3	2.627	2.518	34.573	27.587	34.780	27.578	59.0	18.982	٠.	1486.1	19066.6	2.2
1580.0	1565.0	2.601	2.491	34.575	27.591	34.875	27.581	58.7	19.100	.0	1486.3	19442.1	6.3
1600.0	1584.7	2.572	2.461	34.577	27.595	34.971	27.585	58.4	19.217	.0	1486.5	19820.0	8.1
1620.0	1604.4	2.533	2.421	34.580	27.601	35.069	27.591	57.8	19.333	.0	1486.7	20200.1	.8
1640.0	1624.1	2.504	2.391	34.583	27.606	35.166	27.596	57.3	19.448	.0	1486.9	20582.5	5.2
1660.0	1643.8	2.492	2.376	34.583	27.607	35.258	27.597	57.3	19.563	.0	1487.2	20967.0	2.0
1680.0	1663.6	2.474	2.357	34.586	27.611	35.354	27.601	56.9	19.677	.0	1487.5	21353.8	2.9
1700.0 1720.0	1683.3 1703.0	2.440 2.403	2.322 2.284	34.589 34.592	27.616 27.622	35.451	27.606	56.4	19.791	٠,٥	1487.6	21742.8	3.5
1740.0	1722.7	2.397	2.277	34.592	27.622	35.549 35.640	27.612 27.612	55.9 55.9	19.903 20.015	٠,	1487.8 1488.1	22134.1 22527.4	2.9
1746.0	1728.6	2.396	2.275	34.592	27.622	35.667	27.612	55.9	20.015	.0	1488.2	22645.9	.6 .0
	,,,					55.007	21,012	JJ. F	40.010		**00.E	** 043.7	

Station	32	Latitude	32° 26.	45'N	Longitu	de 127°	48.02'W	29	Apr 1991	GMT 22	:28	Bottom	525 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-9 kg/m ³	Sigma-z	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn. Ht	LTR	sv,	TF m ³ /s ²	N ² 10 ⁶ /s ²
0 10.0 20.0 30.0 40.0 50.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	14.947 14.945 14.863 14.883 14.812 14.801 14.561 14.381 14.384 14.263	14.967 14.944 14.860 14.829 14.806 14.752 14.370 14.322 14.250	33.134 33.132 33.124 33.120 33.121 33.138 33.220 33.222 33.228 33.255	24.542 24.557 24.557 24.561 24.566 24.582 24.696 24.736 24.752 24.787	kg/m ³ 24.542 24.589 24.646 24.693 24.743 24.803 24.962 25.106 25.186	24.542 24.554 24.556 24.565 24.565 24.694 24.749 24.785	338.4 338.4 337.5 337.5 337.3 336.0 325.4 321.9 320.7 317.6	J/kg .000 .338 .677 1.014 1.688 2.018 2.342 2.342 2.983	0 0000000000000000000000000000000000000	m/s 1505.0 1505.1 1505.0 1505.1 1505.3 1504.4 1504.4 1504.3	m ^o /s ² .0 1.7 6.7 15.2 26.9 42.1 60.6 82.3 107.2 135.3	0 6.8 1.3 6.3 56.6 60.1 17.0 10.0
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.1	14.120 12.769 11.254 10.751 10.368 9.990 9.871 9.641 9.516 9.433	14.106 12.754 11.240 10.736 10.352 9.973 9.853 9.853 9.497 9.412	33.270 33.145 33.048 33.074 33.110 33.173 33.201 33.330 33.530 33.613	24.829 25.005 25.213 25.323 25.417 25.531 25.572 25.711 25.888 25.967	25.272 25.495 25.752 25.907 26.048 26.207 26.294 26.479 26.701 26.825	24.826 25.002 25.211 25.320 25.414 25.528 25.569 25.885 25.963	313.9 297.2 277.3 267.0 258.1 247.5 243.7 230.6 214.0 206.7	3.299 3.604 3.891 4.165 4.426 4.679 4.926 5.163 5.383 5.594	00000000000	1504.1 1499.6 1494.3 1492.8 1490.4 1490.2 1489.7 1489.6	166.6 201.0 238.3 278.4 321.1 366.4 414.2 464.4 516.8 571.4	80.3 133.9 116.0 203.8 1 22.7 66.3 173.5 73.6
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.345 9.355 9.181 9.018 8.932 8.797 8.701 8.568 8.387 8.169	9.323 9.332 9.158 8.994 8.906 8.771 8.673 8.540 8.358 8.140	33.695 33.749 33.803 33.849 33.890 33.932 33.952 33.952 33.970 33.991	26.045 26.086 26.156 26.219 26.264 26.318 26.349 26.384 26.428 26.461	26.949 27.035 27.151 27.259 27.350 27.450 27.527 27.607 27.698 27.778	26.041 26.082 26.153 26.215 26.260 26.314 26.345 26.379 26.424 26.457	199.5 195.8 189.3 183.5 179.4 174.4 171.6 164.3 161.2	5.797 5.995 6.186 6.373 6.554 6.731 6.903 7.074 7.239 7.402		1489.6 1489.8 1489.0 1488.9 1488.6 1488.5 1488.1 1487.6 1487.0	628.0 686.7 747.2 809.6 873.8 939.8 1007.6 1077.0 1148.1 1220.8	23.5 36.1 5.4 29.1 39.6 27.0 9.1 69.4 30.4
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.3 338.1 358.0 368.0 377.9 387.8	8.135 7.867 7.773 7.576 7.494 7.423 7.251 7.102 7.005 6.791	8.104 7.836 7.741 7.544 7.461 7.389 7.217 7.067 6.970 6.755	33.994 33.995 33.997 34.008 34.011 34.007 34.007 34.007	26.468 26.509 26.525 26.562 26.576 26.586 26.607 26.628 26.641 26.676	27.830 27.918 27.980 28.064 28.124 28.180 28.247 28.315 28.375 28.457	26.464 26.504 26.520 26.557 26.571 26.581 26.602 26.623 26.636 26.671	160.7 156.9 155.5 152.0 150.8 149.9 148.0 144.9 141.5	7.563 7.722 7.878 8.032 8.183 8.333 8.483 8.630 8.775 8.919	0000000000	1487.0 1486.1 1486.0 1485.4 1485.2 1485.1 1484.6 1484.0 1483.3	1295.1 1371.1 1448.5 1527.5 1608.0 1690.0 1773.5 1858.4 1944.8 2032.6	49.1 34.7 35.9 15.4 24.1 16.8 21.8 27.3 23.8 72.4
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0 486.0	397.7 407.7 417.6 427.5 437.4 447.4 457.3 467.2 477.1 483.1	6.704 6.494 6.297 6.241 6.132 5.982 5.792 5.797 5.443	6.668 6.457 6.260 6.203 6.093 5.753 5.558 5.404 5.357	34.015 34.030 34.040 34.043 34.045 34.065 34.065 34.083 34.092 34.097	26.688 26.728 26.761 26.771 26.786 26.811 26.844 26.883 26.909 26.918	28.516 28.603 28.683 28.739 28.802 28.802 28.955 29.041 29.114 29.151	26.683 26.723 26.756 26.766 26.781 26.806 26.840 26.878 26.904 26.913	140.5 136.7 133.5 132.7 131.2 128.8 125.6 121.9 119.4 118.6	9.059 9.197 9.332 9.465 9.597 9.727 9.854 9.978 10.099 10.170	.0000000000	1483.1 1482.5 1481.8 1481.8 1481.5 1481.1 1480.5 1479.9 1479.5	2121.9 2212.5 2304.4 2397.7 2588.1 2685.2 2783.6 2883.2 2943.5	57.4 41.6 21.6 5.8 47.9 24.2 13.3 49.9 8.0

Station	33	Latitude	32° 30.	85'N	Longit	ide 127°	46.12'W	29	Apr 1991	GMT 23	:40	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	-	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.010 15.000 14.969 14.899 14.719 14.592 14.457 14.457 14.4579	15.010 14.998 14.967 14.895 14.714 14.585 14.449 14.432 14.567 14.329	33.094 33.117 33.125 33.175 33.230 33.213 33.226 33.275 33.234	24.501 24.505 24.559 24.550 24.628 24.698 24.713 24.726 24.736 24.755	24.501 24.549 24.617 24.682 24.919 24.979 25.036 25.153	24.501 24.505 24.528 24.549 24.626 24.696 24.711 24.724 24.734 24.752	342.3 342.2 340.3 338.5 331.4 325.0 323.8 322.8 322.2 320.7	.000 .342 .684 1.023 1.359 1.686 2.010 2.334 2.656 2.978	0000000000	1505.1 1505.2 1505.3 1504.3 1504.7 1504.4 1504.6 1505.2	.0 1.7 6.8 15.3 27.2 42.4 60.8 82.4 107.3 135.3	.0 2.2 15.0 31.1 103.2 16.5 7.7 15.9 22.1 8.6
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.2	14.261 14.281 12.714 11.719 10.212 9.642 9.418 9.306 9.235 9.282	14.246 14.266 12.698 11.703 10.196 9.625 9.400 9.287 9.215 9.261	33.244 33.294 33.132 33.098 33.112 33.172 33.223 33.404 33.516 33.632	24.779 24.814 25.006 25.168 25.445 25.587 25.663 25.922 26.006	25.222 25.301 25.541 25.750 26.076 26.265 26.387 26.387 26.737 26.865	24.777 24.810 25.003 25.165 25.442 25.584 25.661 25.821 25.919 26.003	318.6 315.7 297.3 281.9 255.4 242.0 234.8 219.8 210.6 202.9	3.298 3.614 3.924 4.214 4.480 4.727 4.966 5.193 5.410 5.616	00000000000	1504.5 1504.8 1499.5 1496.2 1491.0 1488.6 1488.6 1488.6 1489.1	166.6 201.0 238.5 279.0 322.3 368.1 416.3 466.8 519.6 574.4	76.5 43.1 260.1 287.2 176.8 36.4 157.0 85.8 104.3 41.1
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.342 9.315 9.238 9.207 9.138 8.784 8.784 8.739 8.539	9.321 9.292 9.214 9.182 9.112 8.846 8.757 8.710 8.510 8.381	33.711 33.786 33.854 33.865 33.875 33.918 33.945 33.979 34.000 34.014	26.058 26.122 26.187 26.201 26.220 26.295 26.331 26.365 26.412 26.443	26.962 27.070 27.181 27.240 27.305 27.427 27.508 27.587 27.681 27.758	26.054 26.118 26.183 26.197 26.216 26.291 26.327 26.360 26.408 26.438	198.3 192.4 186.4 185.3 183.7 176.6 173.3 165.9 163.1	5.817 6.011 6.201 6.387 6.571 6.751 6.926 7.098 7.266 7.431	0000000000	1489.6 1489.7 1489.7 1489.7 1488.9 1488.8 1488.8 1488.2 1487.9	631.2 690.0 750.7 813.3 877.6 943.8 1011.8 1081.5 1152.8 1225.8	49.6 27.3 14.2 6.3 54.0 3.3 54.6 42.8 27.2
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	8.202 8.071 7.879 7.634 7.446 7.321 7.211 7.071 6.828 6.702	8.172 8.040 7.847 7.601 7.413 7.288 7.176 7.036 6.793 6.666	34.037 34.044 34.031 34.048 34.055 34.064 34.061 34.055 34.051	26.492 26.518 26.536 26.585 26.612 26.634 26.657 26.703 26.717	27.854 27.925 27.990 28.086 28.161 28.229 28.298 28.361 28.438 28.498	26.487 26.513 26.531 26.580 26.608 26.630 26.652 26.669 26.698 26.712	158.5 156.2 154.5 149.9 147.3 145.3 143.2 143.2 138.9 137.6	7.592 7.749 7.904 8.056 8.205 8.351 8.496 8.638 8.778 8.916	00000000000	1487.3 1487.0 1486.4 1485.6 1485.1 1484.8 1484.5 1484.1 1483.3 1483.0	1300.4 1376.6 1454.3 1533.6 1614.3 1696.5 1780.1 1865.1 1951.6 2039.4	46.2 31.0 62.6 23.3 8.6 17.4 26.7 32.0 18.2 15.8
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0 490.0	397.7 407.7 417.6 427.5 437.4 447.3 467.2 477.1 487.0	6.623 6.417 6.306 6.173 6.032 6.034 5.943 5.867 5.838 5.549	6.587 6.380 6.269 6.135 5.994 5.995 5.903 5.927 5.797 5.508	34.066 34.048 34.049 34.053 34.062 34.066 34.077 34.093 34.068	26.739 26.758 26.764 26.784 26.805 26.812 26.827 26.845 26.845 26.877	28.567 28.634 28.688 28.753 28.821 28.874 28.935 29.000 29.062 29.127	26.734 26.753 26.761 26.779 26.800 26.808 26.822 26.840 26.856 26.872	135.6 133.7 133.0 131.3 129.4 128.8 127.5 125.8 124.4 122.7	9.053 9.187 9.321 9.453 9.583 9.712 9.840 9.967 10.092 10.215	00000000000	1482.9 1482.2 1481.9 1481.5 1481.1 1481.3 1481.1 1481.0 1481.1 1480.0	2128.6 2219.1 2310.9 2404.1 2498.5 2594.2 2691.2 2789.5 2889.0 2989.7	21.1 .8 16.6 13.7 3.1 27.1 6.9 4.3 29.2 20.3
500.0 510.0 520.0 530.0 550.0 550.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.6 546.5 556.4 576.3 586.2	5.451 5.400 5.340 5.285 5.127 5.036 4.952 4.892 4.822 4.766	5.410 5.358 5.298 5.242 5.084 4.992 4.907 4.847 4.777	34.072 34.076 34.095 34.104 34.111 34.117 34.125 34.126 34.136 34.146	26.892 26.901 26.923 26.937 26.961 26.976 26.992 27.008 27.003 27.040	29.188 29.245 29.313 29.373 29.445 29.507 29.570 29.632 29.694 29.757	26.887 26.896 26.918 26.932 26.956 26.971 26.987 27.003 27.018 27.035	121.3 120.5 118.4 117.2 114.8 113.4 111.9 110.5 109.0 107.5	10.337 10.458 10.577 10.695 10.811 10.925 11.038 11.149 11.259 11.367	.0000000000	1479.8 1479.7 1479.7 1479.6 1479.2 1479.0 1478.8 1478.7 1478.6 1478.6	3091.6 3194.7 3299.0 3404.5 3511.2 3618.9 3727.8 3837.8 3948.9 4061.0	1.3 13.0 17.7 13.9 13.0 14.7 37.5 11.5 3
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0 690.0	596.1 606.0 615.9 625.8 635.8 645.7 655.6 665.5 675.4 685.3	4.752 4.717 4.696 4.648 4.633 4.609 4.584 4.561 4.501 4.483	4.705 4.670 4.648 4.600 4.583 4.559 4.533 4.509 4.449 4.430	34.164 34.171 34.177 34.188 34.193 34.208 34.224 34.224 34.232	27.046 27.055 27.062 27.076 27.082 27.097 27.113 27.121 27.139 27.148	29.809 29.865 29.918 29.979 30.030 30.092 30.153 30.208 30.273	27.041 27.050 27.057 27.071 27.076 27.092 27.107 27.115 27.133 27.142	103.9 102.5 101.1 100.4 98.7	11.474 11.581 11.687 11.792 11.896 11.999 12.101 12.202 12.301 12.399	.000000000	1478.7 1478.8 1478.8 1478.8 1478.9 1479.0 1479.0 1479.1 1479.1	4174.2 4288.5 4403.8 4520.1 4637.5 4755.9 4875.3 4995.7 5117.1 5239.5	5.6 11.2 10.6 11.5 26.4 19.4 11.2 11.2 3.3 14.7
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.445 4.428 4.428 4.401 4.382 4.321 4.308 4.310 4.310 4.285	4.392 4.369 4.373 4.345 4.326 4.264 4.251 4.252 4.251	34.269 34.272 34.282 34.299 34.299 34.304 34.317 34.320 34.324	27.159 27.166 27.168 27.179 27.194 27.201 27.207 27.216 27.219 27.225	30.385 30.438 30.485 30.542 30.604 30.658 30.709 30.764 30.813 30.865	27.153 27.160 27.162 27.173 27.188 27.195 27.201 27.210 27.213 27.218	96.4 96.3 95.4 94.0 93.3 92.9 92.1	12.497 12.594 12.690 12.786 12.881 12.974 13.067 13.160 13.252 13.344	.00	1479.2 1479.3 1479.4 1479.5 1479.5 1479.6 1479.8 1480.0 1480.1	5362.8 5487.1 5612.3 5738.4 5865.6 5993.6 6122.5 6252.4 6383.2 6514.8	3.0 1.5 15.3 12.4 5.1 8.3 5.7 2.8 10.4
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.250 4.250 4.225 4.168 4.152 4.089 4.054 4.044 4.010 3.995	4.190 4.188 4.163 4.106 4.088 4.026 3.990 3.978 3.944 3.928	34.337 34.347 34.360 34.363 34.377 34.386 34.387 34.387 34.394	27.239 27.241 27.250 27.266 27.271 27.288 27.299 27.301 27.310 27.314	30.925 30.972 31.028 31.091 31.141 31.206 31.263 31.311 31.367 31.417	27.233 27.234 27.244 27.260 27.264 27.282 27.292 27.294 27.303 27.308	90.1 89.3 87.7 87.4 85.7 84.8 84.6 83.8	13.434 13.524 13.614 13.703 13.791 13.877 13.962 14.047 14.132 14.215	.00000000000000000000000000000000000000	1480.1 1480.3 1480.3 1480.3 1480.4 1480.3 1480.5 1480.5 1480.6	6647.4 6780.9 6915.2 7050.4 7186.5 7323.4 7461.2 7599.8 7739.3 7879.5	1.9 10.4 31.8 6.3 4.8 17.1 1.0 7.2
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	3.993 3.981 3.958 3.942 3.918 3.908 3.866 3.832 3.784 3.767	3.925 3.913 3.889 3.872 3.848 3.838 3.795 3.760 3.712 3.694	34.400 34.405 34.408 34.414 34.417 34.424 34.431 34.439 34.442	27.315 27.318 27.325 27.329 27.336 27.339 27.349 27.358 27.369 27.373	31.463 31.512 31.565 31.615 31.668 31.717 31.774 31.829 31.887 31.937	27.308 27.311 27.318 27.322 27.329 27.331 27.342 27.351 27.362 27.366	83.2 82.7 82.4 81.7 81.5 80.5 79.7 78.6	14.299 14.382 14.465 14.547 14.629 14.711 14.792 14.872 14.951 15.030	.0	1480.8 1480.9 1480.9 1481.0 1481.1 1481.2 1481.2 1481.3 1481.2 1481.3	8020.6 8162.5 8305.2 8448.8 8593.1 8738.2 9030.9 9178.4 9326.7	1.0 6.2 9.6 4.6 6.5 -1.3 4.6

Station	33	Latitude	32° 30.	85'N	Longitu	de 127°	46.12'W	29	Apr 1991	GMT 23	:40	Bottom	1800 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn. Ht	LTR	sv	TF	Ŋ ²
db	m	•c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	108m3/kg		0/0	m/s	m ³ /s ²	10 ⁶ /s ²
1000.0	992.2	3.733	3.660	34.447	27.381		-	•		-		/ -	
1020.0	1011.9	3.669	3.595	34.457	27.381	31.991 32.098	27.374 27.388	77.6 76.3	15,108	٠,٥	1481.4	9475.7	5.5
1040.0	1031.7	3.625	3.549	34.464	27.405	32.201	27.388	75.4	15.262 15.413	۰,	1481.4 1481.6	9776.1 10079.4	6.1
1060.0	1051.5	3.593	3.516	34.469	27.413	32.300	27.405	74.8	15.564	.0	1481.8	10385.7	4.9 3.4
1080.0	1071.3	3.556	3.477	34.478	27.424	32.403	27.416	73.9	15.713	:6	1482.0	10694.9	10.5
1100.0	1091.0	3.515	3.435	34.481	27.430	32.501	27.422	73.3	15.860	.ŏ	1482.1	11007.0	1.4
1120.0	1110.8	3.473	3.391	34.486	27.438	32.602	27.430	72.6	16.006	.ŏ	1482.3	11322.0	2.0
1140.0	1130.6	3,419	3.337	34.493	27.449	32.706	27.441	71.6	16.150	.ŏ	1482.4	11639.9	5.5
1160.0	1150.3	3.389	3.305	34.498	27.456	32.804	27.448	71.0	16.293	.ŏ	1482.6	11960.5	3.8
1180.0	1170.1	3.366	3.281	34.501	27.461	32.902	27.453	70.6	16.435	.ŏ	1482.9	12283.9	1.5
1200.0	1189.8	3.342	3.255	34.503	27.465	22 007	07 456			-			
1220.0	1209.6	3.267	3.180	34.512	27.479	32.997 33.104	27.456	70.4	16.576	.0	1483.1	12610.1	9
1240.0	1229.4	3.223	3.134	34.517	27.487	33.205	27.471 27.479	69.0	16.716	٠,٥	1483.1	12939.0	5.6
1260.0	1249.1	3.177	3.087	34.523	27.496	33.306	27.488	68.3 67.4	16.853 16.989	٠.٥	1483.3 1483.4	13270.6	3
1280.0	1268.9	3.142	3.051	34.527	27.503	33.405	27.494	66.9	17.123	:0	1483.4	13604.9 13941.8	7.1 8.2
1300.0	1288.6	3.097	3.005	34.530	27.510	33.505	27.501	66.2	17.256	ĕ	1483.7	14281.3	°.2
1320.0	1308.4	3.041	2.948	34.535	27.519	33.607	27.510	65.3	17.388	:ŏ	1483.8	14623.4	5.3
1340.0	1328.1	3.009	2.914	34.539	27.524	33.704	27.516	64.8	17.518	.ŏ	1484.0	14968.1	
1360.0	1347.9	2.987	2.891	34.541	27.528	33.800	27.520	64.5	17.647	.0	1484.3	15315.3	1.0
1380.0	1367.6	2.958	2.861	34.543	27.533	33.896	27.524	64.2	17.776	.ō	1484.5	15664.9	1.8
1400.0	1387.4	2.914	2.816	34.547	27.540	33.996	27.531	63.5	17.903	.0	1484.6	16017.1	2
1420.0	1407.1	2.879	2,779	34.550	27.546	34.094	27.537	62.9	18.029	:ŏ	1484.8	16371.8	1.0
1440.0	1426.8	2.845	2.744	34.554	27.552	34.192	27.543	62.4	18.155	.ŏ	1485.0	16728.9	7.4
1460.0	1446.6	2.819	2.717	34.555	27.555	34.287	27.546	62.1	18.279	.ŏ	1485.2	17088.4	′:7
1480.0	1466.3	2.784	2.680	34.557	27.560	34.384	27.551	61.6	18.403	.ŏ	1485.4	17450.3	1.0
1500.0	1486.0	2.747	2.642	34.562	27.568	34.484	27.559	61.0	18.526	.ŏ	1485.6	17814.7	6.6
1520.0	1505.8	2.708	2.602	34.567	27.575	34.583	27.566	60.2	18.647	.õ	1485.8	18181.4	6.6
1540.0	1525.5	2.684	2.577	34.568	27.578	34.678	27.569	60.0	18.768	.0	1486.0	18550.5	2.5
1560.0	1545.2	2.652	2.543	34.571	27.583	34.775	27.574	59.5	18.887	.0	1486.2	18921.8	9.0
1580.0	1564.9	2.618	2.508	34.574	27.588	34.872	27.579	59.0	19.005	.0	1486.4	19295.5	3.1
1600.0	1584.7	2.571	2.460	34.577	27.595	34.972	27.586	58.3	19.122	.0	1486.5	19671.5	1.4
1620.0	1604.4	2.548	2.435	34.580	27.599	35.067	27.590	58.0	19.239	.0	1486.8	20049.8	1.7
1640.0	1624.1	2.534	2.420	34.581	27.601	35.160	27.592	57.8	19.354	.ŏ	1487.0	20430.3	2.3
1660.0	1643.8	2.511	2.395	34.582	27.604	35.255	27.595	57.6	19.470	.ŏ	1487.3	20813.0	2.3
1680.0	1663.5	2.472	2.355	34.586	27.611	35.354	27.601	57.0	19.584	.ŏ	1487.4	21198.0	:ŏ
1700.0	1683.3	2.440	2.322	34.588	27.616	35.450	27.606	56.5	19.698	.ŏ	1487.6	21585.1	10.5
1720.0	1703.0	2.432	2.313	34.590	27.618	35.543	27.608	56.4	19.811	.ŏ	1487.9	21974.5	10.3
1740.0	1722.7	2.404	2.283	34.591	27.622	35.639	27.611	56.0	19.923	.ŏ	1488.2	22366.1	2.1
1760.0	1742.4	2.387	2.265	34.593	27.624	35.732	27.614	55.8	20.035	.0	1488.4	22759.8	1.2
1780.0	1762.1	2.362	2.239	34.596	27.629	35.829	27.618	55.4	20.146	.0	1488.7	23155.7	.3
1800.0	1781.8	2.337	2.213	34.598	27.632	35.924	27.622	55.0	20.257	.0	1488.9	23553.7	3.0
1820.0	1801.5	2.331	2.205	34.598	27.633	36.015	27.623	55.0	20.367	.0	1489.2	23953.9	3.0
										••	- 145.2		

Station	34	Latitude	32° 33.	71'N	Longit	ude 127°	44.54'W	29	Apr 1991	GMT 1	L:34	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	14.777 14.779 14.686 14.512 13.497 13.570 13.823 14.126 14.137 14.096	14.777 14.777 14.683 14.508 13.491 13.563 13.815 14.116 14.126 14.083	33.022 33.020 33.043 33.066 32.985 33.012 33.096 33.193 33.208 33.216	24.496 24.495 24.532 24.535 24.735 24.741 24.755 24.768 24.778	24.496 24.539 24.621 24.720 24.963 25.021 25.078 25.132 25.191	24.496 24.494 24.531 24.586 24.734 24.740 24.753 24.766 24.775 24.790	342.8 343.2 339.9 335.0 321.1 320.8 319.8 318.9 318.9 318.2	.000 .343 .685 1.023 1.348 1.670 1.990 2.309 2.628 2.946	0000000000	1504.3 1504.4 1504.3 1503.9 1500.7 1501.1 1502.2 1503.5 1503.7	1.7 6.8 15.3 27.2 42.2 60.4 81.8 106.4	15.3 30.2 162.5 8.6 21.0 -7.7 10.8 4.7 10.9
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.1	13.974 13.391 12.570 11.632 10.931 9.893 9.402 9.243 9.192 9.155	13.960 13.376 12.554 11.616 10.914 9.877 9.385 9.224 9.173 9.135	33.220 33.155 33.266 33.238 33.198 33.202 33.230 33.300 33.415 33.622	24.821 24.890 25.137 25.292 25.388 25.569 25.671 25.752 25.850 26.018	25.264 25.378 25.672 25.875 26.017 26.247 26.395 26.522 26.665 26.878	24.818 24.887 25.134 25.290 25.385 25.567 25.669 25.749 25.749 26.015	314.7 308.3 284.8 270.1 261.0 243.7 234.1 226.6 217.5 201.7	3.262 3.573 3.870 4.149 4.415 4.669 4.908 5.136 5.358	00000000000	1503.5 1501.7 1499.2 1496.1 1493.7 1490.1 1488.5 1488.3 1488.3	165.1 199.1 236.2 276.1 318.7 363.9 411.5 461.5 513.7	27.0 129.9 108.7 95.6 125.4 183.4 181.9 39.8 208.5 206.5
200.0 210.0 220.0 230.0 240.0 250.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.8 248.8 258.7 268.6 278.6 288.5	9.160 9.139 9.005 8.964 8.814 8.674 8.583 8.527 8.418 8.240	9.139 9.116 8.981 8.939 8.788 8.648 8.556 8.498 8.389 8.211	33.746 33.857 33.933 33.958 33.991 33.991 34.022 34.052 34.054 34.063	26.115 26.205 26.286 26.312 26.362 26.422 26.455 26.473 26.507	27.020 27.155 27.281 27.353 27.448 27.521 27.600 27.678 27.743 27.822	26.111 26.202 26.282 26.309 26.358 26.384 26.418 26.450 26.469 26.502	192.8 184.4 176.9 174.6 170.0 167.6 164.6 161.7 160.1 157.0	5.763 5.950 6.132 6.308 6.479 6.648 6.814 6.976 7.137 7.296	00000000000	1488.9 1489.2 1488.9 1489.0 1488.6 1488.1 1488.1 1488.1 1487.8 1487.8	624.3 682.5 742.6 804.4 867.9 933.1 1000.0 1068.5 1138.6 1210.3	116.6 58.6 93.5 101.7 24.6 19.6 23.4 7.9 15.2 24.3
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.4 308.4 318.3 328.2 338.2 348.1 358.0 367.9 377.9 387.8	8.067 7.981 7.809 7.670 7.496 7.346 7.214 7.161 6.983 6.837	8.037 7.950 7.778 7.638 7.463 7.312 7.180 7.126 6.947 6.801	34.066 34.072 34.067 34.062 34.069 34.073 34.073 34.077	26.535 26.553 26.574 26.591 26.621 26.642 26.664 26.674 26.715	27.897 27.961 28.029 28.092 28.169 28.236 28.365 28.360 28.433 28.496	26.530 26.548 26.569 26.586 26.617 26.637 26.659 26.669 26.695 26.710	154.4 152.8 150.8 149.4 146.5 144.6 142.6 141.8 139.3 137.9	7.451 7.605 7.757 7.907 8.055 8.200 8.344 8.486 8.627 8.766	0000000000	1486.8 1486.2 1485.8 1485.3 1484.9 1484.5 1484.5 1484.5	1283.5 1358.3 1434.5 1512.3 1591.6 1672.2 1754.4 1837.9 1922.8 2009.2	20.7 17.2 18.3 30.6 32.4 18.6 6.5 8.0 32.6 21.4
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0 490.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1 487.0	6.705 6.665 6.617 6.534 6.321 6.149 5.966 5.766 5.741 5.721	6.669 6.628 6.579 6.495 6.282 6.110 5.727 5.727 5.700 5.680	34.081 34.094 34.110 34.119 34.098 34.102 34.094 34.086 34.096 34.117	26.740 26.756 26.774 26.793 26.804 26.829 26.846 26.865 26.876 26.895	28.567 28.629 28.693 28.758 28.817 28.889 28.955 29.021 29.078 29.143	26.735 26.751 26.769 26.788 26.799 26.824 26.841 26.860 26.871 26.890	135.6 134.2 132.6 130.9 129.7 127.3 125.7 123.8 122.9 121.2	8.902 9.037 9.171 9.302 9.432 9.561 9.688 9.813 9.936 10.058	.0000000000	1483.2 1483.2 1483.1 1483.3 1481.8 1481.2 1480.6 1480.7	2096.8 2185.9 2276.2 2367.9 2460.8 2555.0 2650.5 2747.3 2845.2 2944.4	18.2 30.5 18.2 22.8 13.7 10.5 16.0 11.9
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	496.9 506.9 516.8 526.7 536.6 546.5 556.4 576.3 576.3	5.615 5.555 5.524 5.545 5.467 5.377 5.300 5.212 5.156 5.070	5.573 5.512 5.480 5.501 5.422 5.332 5.254 5.165 5.109 5.023	34.116 34.124 34.131 34.150 34.155 34.153 34.163 34.160 34.161 34.162	26.907 26.920 26.930 26.942 26.956 26.965 26.982 26.990 26.997 27.008	29.202 29.261 29.318 29.375 29.435 29.491 29.555 29.610 29.664 29.721	26.902 26.915 26.925 26.937 26.959 26.977 26.985 26.992 27.003	120.1 118.9 118.0 117.0 115.8 115.0 113.3 112.6 111.9	10.179 10.299 10.417 10.535 10.651 10.766 10.880 10.993 11.105	0000000000	1480.5 1480.4 1480.5 1480.8 1480.6 1480.4 1480.3 1480.1 1480.0	3044.7 3146.3 3249.0 3352.9 3458.0 3564.1 3671.4 3779.9 3889.4	10.1 19.2 5.7 10.7 22.4 10.7 18.9 4.5 6.3 33.2
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.7 645.5 665.5 675.4 685.3	4.852 4.817 4.803 4.701 4.658 4.639 4.606 4.562 4.552 4.533	4.805 4.769 4.755 4.652 4.608 4.589 4.555 4.510 4.499 4.480	34.157 34.167 34.172 34.184 34.189 34.200 34.211 34.225 34.231 34.239	27.029 27.041 27.047 27.067 27.076 27.087 27.099 27.115 27.122 27.130	29.792 29.850 29.901 29.969 30.025 30.081 30.140 30.202 30.254 30.308	27.024 27.036 27.042 27.062 27.071 27.082 27.094 27.110 27.116 27.124	108.7 107.7 107.2 105.3 104.4 103.5 102.4 100.9 100.5 99.8	11.326 11.435 11.542 11.648 11.753 11.857 11.960 12.062 12.163 12.263	0000000000	1479.1 1479.1 1479.2 1479.0 1479.0 1479.1 1479.1 1479.1 1479.2 1479.3	4111.8 4224.6 4338.5 4453.4 4569.4 4686.3 4804.3 4923.4 5043.4 5164.4	12.4 20.9 15.6 4.7 .9 13.0 6.5 6.5 3.6
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.495 4.450 4.425 4.378 4.329 4.299 4.294 4.289 4.277 4.254	4.441 4.395 4.370 4.323 4.273 4.242 4.236 4.231 4.217 4.194	34.248 34.261 34.268 34.280 34.290 34.294 34.307 34.320 34.330 34.339	27.141 27.157 27.165 27.180 27.192 27.199 27.210 27.222 27.231 27.240	30.366 30.428 30.482 30.544 30.603 30.656 30.713 30.770 30.825 30.881	27.135 27.151 27.159 27.174 27.187 27.193 27.204 27.215 27.224 27.234	98.7 97.3 96.6 95.2 94.1 93.5 92.6 90.8 89.9	12.362 12.460 12.557 12.653 12.748 12.842 12.935 13.027 13.118 13.208	0000000000	1479.4 1479.4 1479.4 1479.4 1479.4 1479.6 1479.8 1479.8 1479.9 1480.0	5286.3 5409.3 5533.2 5658.0 5783.8 5910.6 6038.2 6166.7 6296.2 6426.5	5.6 13.6 11.8 12.7 -1.1 15.0 9.5 6.5 8.0 10.7
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 890.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.225 4.195 4.176 4.163 4.119 4.077 4.041 4.007 4.007	4.164 4.134 4.114 4.100 4.056 4.013 3.977 3.952 3.941 3.933	34.345 34.348 34.359 34.365 34.372 34.376 34.384 34.391 34.395 34.397	27.248 27.254 27.264 27.271 27.281 27.289 27.299 27.307 27.311 27.314	30.935 30.987 31.043 31.096 31.152 31.207 31.263 31.317 31.367 31.416	27.242 27.247 27.258 27.264 27.274 27.282 27.292 27.300 27.304 27.307	89.2 88.7 87.8 87.3 86.4 85.6 84.7 84.0 83.7	13.298 13.387 13.475 13.563 13.650 13.736 13.821 13.905 13.989 14.073	00000000000	1480.0 1480.1 1480.2 1480.3 1480.3 1480.3 1480.3 1480.5 1480.6	6557.7 6689.8 6822.8 6956.6 7091.3 7226.9 7363.2 7500.5 7638.5 7777.3	2.2 9.2 16.8 8.6 8.0 13.0 3.1 2.5 7.2 6.6
900.0 910.0 920.0 930.0 940.0 950.0 960.0 980.0 990.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.3 982.2	3.992 3.974 3.935 3.934 3.923 3.895 3.888 3.8875 3.837	3.924 3.906 3.867 3.865 3.853 3.825 3.816 3.803 3.764 3.738	34.402 34.407 34.415 34.418 34.423 34.424 34.420 34.430 34.434 34.440	27.318 27.324 27.334 27.337 27.343 27.346 27.352 27.356 27.365 27.370	31.466 31.518 31.575 31.623 31.675 31.725 31.776 31.826 31.881 31.933	27.311 27.317 27.327 27.330 27.335 27.339 27.345 27.349 27.358 27.363	83.2 82.7 81.7 81.6 81.1 80.8 80.3 79.2 78.7	14.156 14.239 14.321 14.403 14.484 14.565 14.646 14.726 14.806 14.885	00000000000	1480.8 1480.9 1481.0 1481.2 1481.2 1481.3 1481.5 1481.5	7917.0 8057.5 8198.8 8340.9 8483.8 8627.5 8772.0 8917.3 9063.4 9210.2	8.4 6.3 10.4 6.9 1 6.9 3.7 5.2 1.4

Station	34	Latitude	32 33.	71'N	Longitu	de 127°	44.54'W	29	Apr 1991	GMT	1:34	Bottom	3410 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma -0	Sigma-z	Sigma-t		Dyn.Ht	LTR	sv	m ³ /s ²	N ²
ďЪ	m	*c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	J/kg	0/0	m/s	m³/s²	10 ⁶ /s ²
1000.0	992.1	3.778	3.704	34.448	27.377	31.986	27.370	78.1	14.963	.0	1481.6	9357.8	3.4
1020.0 1040.0	1011.9 1031.7	3.733	3.658 3.607	34.455 34.459	27.388	32.089	27.380	77.2	15.118	.0	1481.7 1481.8	9655.3 9955.8	8.1 15.8
1060.0	1051.5	3.684 3.651	3.573	34.459	27.396 27.402	32.190 32.287	27.388 27.394	76.4 76.0	15.272 15.424	.0	1482.0	10259.3	7.0
1080.0	1071.2	3.608	3.529	34.466	27.409	32.387	27.401	75.3	15.575	.ŏ	1482.2	10565.8	3.8
1100.0	1091.0	3.575	3.494	34.470	27.415	32.486	27.407	74.8	15.725	.0	1482.4	10875.2	6.1
1120.0 1140.0	1110.8 1130.5	3.514 3.473	3.432 3.390	34.480 34.487	27.430 27.439	32.592 32.694	27.422	73.5 72.7	15.874 16.020	.0	1482.5 1482.6	11187.6 11502.8	12.9 7.9
1160.0	1150.3	3.414	3.330	34.487	27.439	32.594	27.431 27.443	71.6	16.020	:0	1482.7	11820.9	7.0
1180.0	1170.1	3.366	3.281	34.500	27.460	32.900	27.451	70.8	16.306	.o	1482.9	12141.8	5.9
1200.0	1189.8	3.317	3.231	34.507	27.470	33.003	27.462	69.8	16.447	.0	1483.0	12465.4	6.4
1220.0 1240.0	1209.6 1229.3	3.269	3.181	34.512 34.516	27.479	33.104	27.470	69.0	16.586	.0	1483.1 1483.3	12791.8 13120.8	4.1 2.4
1260.0	1249.1	3.220 3.171	3.131 3.082	34.521	27.487 27.496	33.205 33.306	27.479 27.487	68.3 67.5	16.723 16.859	.ŏ	1483.4	13452.5	3.5
1280.0	1268.9	3.131	3.039	34.525	27.503	33.405	27.494	66.8	16.993	.ŏ	1483.5	13786.9	5.0
1300.0	1288.6	3.111	3.019	34.527	27.506	33,500	27.498	66.6	17.127	.0	1483.8	14123.8	4.2
1320.0	1308.4	3.072	2.978	34.530	27.512	33.599	27.504	66.0	17.259	.0	1484.0	14463.4	5.3
1340.0 1360.0	1328.1 1347.8	3.019 2.988	2.924 2.892	34.532 34.539	27.519 27.527	33.698 33.798	27.510 27.518	65.4 64.7	17.391 17.521	.0	1484.1 1484.3	14805.5 15150.2	2.4 3.9
1380.0	1367.6	2.937	2.839	34.542	27.534	33.898	27.525	64.0	17.649	.0	1484.4	15497.4	8
1400.0	1387.3	2.905	2.807	34.547	27.541	33.997	27.532	63.4	17.777	.0	1484.6	15847.1	1.9
1420.0	1407.1	2.894	2.794	34.547	27.542	34.089	27.533	63.3	17.903	.0	1484.9	16199.2	5.7
1440.0 1460.0	1426.8 1446.6	2.858 2.816	2.757 2.713	34.551 34.555	27.549 27.556	34.188 34.287	27.540 27.546	62.7 62.1	18.029 18.154	.0	1485.1 1485.2	16553.8 16910.9	-1.0 6.0
1480.0	1466.3	2,779	2.675	34.558	27.561	34.385	27.552	61.5	18.278	.ŏ	1485.4	17270.4	2.8
1500.0	1486.0	2.750	2.645	34,561	27.566	34.482	27.557	61.1	18.400	.ŏ	1485.6	17632.2	1
1520.0	1505.8	2.716	2.610	34.563	27.571	34.579	27.562	60.7	18.522	.0	1485.8	17996.5	1.0
1540.0 1560.0	1525.5 1545.2	2.675 2.637	2.568 2.529	34.567 34.570	27.578 27.583	34.678 34.776	27.569	60.0 59.4	18.643 18.763	.0	1486.0 1486.1	18363.1 18732.0	6.0 .8
1580.0	1564.9	2.606	2.496	34.572	27.588	34.872	27.574 27.578	59.0	18.881	.0	1486.3	19103.3	2.0
1600.0	1584.7	2.586	2.475	34.574	27.591	34.967	27.581	58.8	18,999	.0	1486.6	19476.8	2.8
1620.0	1604.4	2.563	2.450	34.575	27.595	35.062	27.585	58.5	19.116	.0	1486.8	19852.6	.8
1640.0 1660.0	1624.1 1643.8	2.532	2.418 2.396	34.578 34.581	27.600	35.159	27.590	58.0	19.232	٠,	1487.0 1487.3	20230.7 20611.0	1.1
1680.0	1663.5	2.511 2.478	2.361	34.583	27.604 27.608	35.254 35.351	27.594 27.599	57.7 57.2	19.348 19.463	.0	1487.5	20993.6	1.7
1700.0	1683.2	2.424	2.306	34.589	27.618	35.453	27.608	56.2	19.576	.ŏ	1487.6	21378.4	2.3
1720.0	1702.9	2.402	2.283	34.590	27.620	35.547	27.610	56.0	19.689	.0	1487.8	21765.3	2.6
1740.0 1760.0	1722.7 1742.4	2.371 2.345	2.250 2.223	34.593 34.596	27.625 27.630	35.644 35.740	27.616 27.620	55.5 55.1	19.800 19.911	٠,	1488.0 1488.2	22154.5 22545.8	1.2 5.0
1780.0	1762.1	2.323	2.200	34.597	27.633	35.835	27.623	54.8	20.021	.0 .0	1488.5	22939.2	2.7
1800.0	1781.8	2.298	2.174	34.600	27.637	35.930	27.627	54.5	20.130	.0	1488.7	23334.7	2.7
1820.0	1801.5	2.271	2.146	34.602	27.641	36.026	27.631	54.0	20.238	.0	1488.9	23732.4	6.5
1840.0 1860.0	1821.2 1840.9	2.242 2.225	2.115	34.604 34.607	27.646 27.649	36.122 36.217	27.635 27.639	53.6 53.3	20.346 20.453	.0	1489.1 1489.4	24132.1 24533.9	1.2
1880.0	1860.6	2.208	2.078	34.607	27.651	36.310	27.640	53.3	20.453	:0	1489.7	24937.8	1.6
1900.0	1880.3	2.193	2.062	34.609	27.653	36.403	27.643	53.0	20.665	.0	1489.9	25343.7	.7
1920.0	1899.9	2.175	2.043	34.611	27.657	36.498	27.646	52.6	20.771	.0	1490.2	25751.7	4.5
1940.0 1960.0	1919.6 1939.3	2.160 2.142	2.026 2.007	34.612 34.614	27.659 27.662	36.591 36.685	27.648 27.651	52.5 52.3	20.876 20.981	.0	1490.5 1490.7	26161.7 26573.8	3.7
1980.0	1959.0	2.119	1.982	34.616	27.666	36.780	27.655	51.9	21.085	:0	1491.0	26987.8	-1.9
2000.0	1978.7	2.106	1.968	34.618	27.668	36.873	27.657	51.7	21.189	.0	1491.2	27403.9	4.3
2050.0	2027.9	2.062	1.920	34.622	27.675	37.108	27.664	51.0	21.446	٠,	1491.9	28452.8	6.7
2098.0	2075.1	2.023	1.878	34.625	27.681	37.332	27.670	50.5	21.689	.0	1492.5	29471.2	.0

Station	35	Latitude	32. 40.	11'N	Longit	ude 127°	41.21'W	29	Apr 1991	GMT 3	:48	Bottom	4375 m
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma -0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg		LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 70.0 80.0 90.0	.0 10.0 19.9 29.8 49.8 59.8 69.7 79.7	14.945 14.936 14.915 14.711 14.668 13.401 13.345 14.052 14.203 14.280	14.945 14.934 14.911 14.707 14.662 13.395 13.337 14.042 14.192 14.267	33.205 33.198 33.195 33.157 33.151 32.957 32.957 33.162 33.230 33.269	24.601 24.598 24.600 24.615 24.621 24.733 24.734 24.759 24.781 24.794	24.601 24.642 24.689 24.797 24.955 25.011 25.069 25.135 25.193	24.601 24.597 24.600 24.615 24.732 24.743 24.757 24.778 24.792	332.7 333.4 333.4 332.3 332.1 321.5 320.7 319.7 317.9 316.9	.000 .333 .666 .999 1.332 1.657 1.979 2.299 2.618 2.935	00000000000	1505.0 1505.1 1505.2 1504.7 1504.7 1500.5 1500.5 1503.2 1504.0	.0 1.7 6.6 14.9 26.5 41.4 59.6 80.9 105.3 133.0	.0 -1.1 8.6 -1.1 71.8 15.4 9.5 14.6 27.3 10.6
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.1	14.369 12.067 11.137 10.609 9.906 9.623 9.212 8.982 8.808 8.733	14.355 12.053 11.123 10.594 9.890 9.607 9.195 8.964 8.789 8.713	33.326 33.064 33.051 33.079 33.146 33.199 33.224 33.304 33.447 33.541	24.820 25.076 25.237 25.351 25.524 25.698 25.796 25.935 26.021	25.263 25.568 25.776 25.936 26.156 26.289 26.422 26.567 26.751 26.882	24.817 25.073 25.235 25.349 25.521 25.609 25.695 25.793 25.932 26.017	314.8 290.2 275.0 264.2 247.9 239.7 231.5 222.3 209.2 201.3	3.251 3.557 3.838 4.108 4.365 4.609 4.845 5.071 5.286 5.492	0000000000	1504.9 1497.1 1493.9 1492.2 1489.1 1487.8 1487.2 1486.9 1486.9	163.8 197.7 234.5 274.1 316.2 360.9 407.9 457.2 508.7 562.3	66.9 398.8 90.0 120.6 212.1 89.7 118.9 101.9 83.4 113.9
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.8 248.8 258.7 268.6 278.6 288.5	8.663 8.619 8.442 8.339 8.193 8.242 8.059 7.944 7.918 7.790	8.642 8.597 8.420 8.316 8.169 8.217 8.033 7.917 7.890 7.761	33.636 33.759 33.804 33.866 33.927 33.982 33.983 33.998 34.031 34.037	26.106 26.209 26.272 26.336 26.406 26.443 26.470 26.500 26.529 26.553	27.013 27.162 27.270 27.381 27.496 27.578 27.652 27.727 27.802 27.872	26.103 26.206 26.268 26.333 26.403 26.439 26.466 26.525 26.549	193.4 183.8 178.0 172.0 165.5 162.3 159.7 157.1 154.4 152.3	5.689 5.877 6.058 6.233 6.401 6.565 6.727 6.885 7.041 7.194	00000000000	1486.9 1487.1 1486.6 1486.5 1486.6 1486.1 1485.8 1485.9 1485.6	617.8 675.3 734.6 795.7 858.5 922.9 988.9 1056.5 1125.7 1196.4	67.9 45.9 46.2 58.8 14.8 34.0 42.3 25.7 31.8
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.4 308.4 318.3 328.2 338.1 348.1 358.0 367.9 377.9 387.8	7.676 7.604 7.548 7.539 7.440 7.301 7.247 7.165 7.087 7.006	7.647 7.574 7.517 7.507 7.407 7.267 7.213 7.130 7.051 6.970	34.042 34.046 34.058 34.074 34.090 34.083 34.091 34.092 34.104 34.109	26.574 26.587 26.605 26.619 26.645 26.660 26.674 26.706 26.721	27.939 27.998 28.062 28.121 28.193 28.254 28.314 28.372 28.439 28.500	26.569 26.583 26.601 26.614 26.640 26.655 26.669 26.681 26.701 26.716	150.4 149.3 147.7 146.6 144.2 142.9 141.7 138.8 137.5	7.345 7.495 7.643 7.791 7.936 8.080 8.222 8.363 8.503 8.641		1485.3 1485.2 1485.2 1485.3 1485.1 1484.7 1484.7 1484.5 1484.4	1268.6 1342.3 1417.4 1494.1 1572.1 1651.6 1732.5 1814.9 1898.6 1983.6	23.9 20.9 10.1 26.5 6.9 14.7 25.0 11.5 23.8
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.6 417.5 427.5 437.4 447.3 457.2 467.2 477.1 487.0	6.874 6.789 6.717 6.602 6.493 6.409 6.322 6.268 6.175 6.068	6.837 6.751 6.679 6.563 6.454 6.369 6.281 6.226 6.133 6.026	34.109 34.115 34.130 34.122 34.124 34.124 34.130 34.136 34.149 34.148	26.739 26.756 26.778 26.786 26.802 26.813 26.829 26.841 26.863 26.876	28.565 28.627 28.696 28.751 28.813 28.871 28.933 28.991 29.060 29.120	26.734 26.750 26.772 26.781 26.797 26.808 26.824 26.836 26.858 26.871	135.8 134.3 132.3 131.5 130.1 129.1 127.7 126.6 124.6 123.4	8.778 8.913 9.046 9.178 9.309 9.439 9.567 9.694 9.944	.00000000000000000000000000000000000000	1483.9 1483.7 1483.6 1483.3 1483.1 1482.9 1482.7 1482.7 1482.5 1482.2	2070.1 2157.9 2247.0 2337.4 2429.1 2522.1 2616.4 2711.9 2808.7 2906.8	10.9 15.3 3.8 7.9 27.8 10.8 16.4 18.1 21.1
500.0 510.0 520.0 530.0 550.0 550.0 570.0 590.0	496.9 506.8 516.8 526.7 536.6 546.5 556.4 566.3 576.3 586.2	5.975 5.896 5.819 5.764 5.675 5.623 5.575 5.546 5.508	5.931 5.852 5.774 5.719 5.629 5.577 5.528 5.498 5.460 5.368	34.148 34.152 34.159 34.165 34.176 34.183 34.189 34.195 34.202 34.209	26.888 26.901 26.916 26.928 26.948 26.959 26.971 26.979 26.989 27.006	29.178 29.238 29.299 29.357 29.424 29.539 29.539 29.5650 29.713	26.883 26.896 26.911 26.922 26.942 26.954 26.965 26.965 26.983 27.000	122.3 121.1 119.7 118.7 116.8 115.8 114.8 114.1 113.3 111.7	10.067 10.188 10.309 10.428 10.546 10.663 10.778 10.893 11.006 11.119	.00.00.00	1482.0 1481.9 1481.7 1481.7 1481.5 1481.4 1481.4 1481.5 1481.5 1481.5	3006.0 3106.4 3208.1 3310.9 3414.9 3520.0 3626.3 3733.8 3842.3 3952.0	10.8 17.5 16.6 18.1 16.0 3.4 6.6 21.0
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0 690.0	596.1 606.0 615.9 625.8 635.7 645.6 655.5 665.4 675.3	5.369 5.334 5.068 5.126 5.065 5.035 4.936 4.811 4.647 4.683	5.319 5.283 5.018 5.075 5.013 4.983 4.883 4.758 4.594 4.629	34.209 34.223 34.199 34.217 34.224 34.230 34.231 34.228 34.225 34.240	27.011 27.026 27.038 27.046 27.059 27.067 27.079 27.091 27.107 27.114	29.765 29.826 29.888 29.940 30.000 30.054 30.114 30.174 30.238 30.290	27.006 27.020 27.032 27.040 27.053 27.060 27.073 27.085 27.101 27.108	108.0 106.8 106.1 104.9 103.7 102.0	11.230 11.340 11.450 11.558 11.665 11.772 11.877 11.981 12.084 12.186	.00.00	1481.3 1481.3 1480.3 1480.8 1480.7 1480.7 1480.5 1480.2 1479.6 1480.0	4062.8 4174.6 4287.6 4401.6 4516.7 4632.8 4750.0 4868.2 4987.4 5107.6	13.1 18.1 10.4 9.8 6.6 24.8 7.8 8.6 10.9
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.611 4.595 4.570 4.562 4.557 4.538 4.438 4.458 4.388 4.361	4.557 4.540 4.514 4.505 4.500 4.480 4.379 4.399 4.328 4.301	34.243 34.253 34.263 34.275 34.281 34.294 34.291 34.303 34.308	27.125 27.135 27.145 27.156 27.161 27.174 27.182 27.190 27.201 27.215	30.348 30.403 30.460 30.517 30.567 30.626 30.682 30.735 30.794 30.853	27.119 27.128 27.139 27.150 27.155 27.167 27.176 27.183 27.195 27.208	99.7 98.7 97.8 97.4 96.3 95.5 94.9 93.7	12.287 12.387 12.486 12.585 12.682 12.779 12.875 12.970 13.064 13.158	0000000000	1479.8 1479.9 1480.0 1480.2 1480.3 1480.4 1480.2 1480.4 1480.3	5228.8 5351.1 5474.3 5598.4 5723.6 5849.6 5976.7 6104.7 6233.6 6363.4	9.5 5.4 13.6 8.9 17.1 7.5 11.3 10.4 23.0
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.331 4.299 4.248 4.220 4.205 4.189 4.143 4.129 4.135 4.029	4.269 4.237 4.186 4.157 4.141 4.125 4.078 4.063 4.069 3.962	34.330 34.336 34.345 34.352 34.360 34.368 34.373 34.377 34.387	27.225 27.233 27.246 27.254 27.262 27.270 27.279 27.284 27.291 27.303	30.909 30.964 31.023 31.078 31.132 31.186 31.242 31.292 31.345 31.405	27.218 27.226 27.239 27.248 27.256 27.264 27.272 27.277 27.284 27.296	90.9 89.7 89.0 88.3 87.6 86.4 85.8	13.250 13.341 13.431 13.521 13.609 13.698 13.785 13.871 13.957 14.043	.00000000000000000000000000000000000000	1480.4 1480.5 1480.4 1480.5 1480.6 1480.7 1480.7 1480.8 1481.0 1480.7	6494.1 6625.8 6758.3 6891.7 7026.0 7161.1 7297.1 7434.0 7571.7 7710.3	8.6 9.2 9.8 9.2 3.7 9.5 1.0 7.5
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.5 962.4 972.3 982.2	4.071 3.978 3.958 3.954 3.902 3.877 3.851 3.815 3.787	4.003 3.910 3.890 3.845 3.832 3.806 3.779 3.760 3.742 3.714	34.398 34.404 34.406 34.417 34.423 34.427 34.433 34.438 34.441	27.307 27.313 27.323 27.330 27.340 27.347 27.353 27.360 27.365 27.371	31.453 31.507 31.563 31.617 31.673 31.725 31.778 31.831 31.882 31.934	27.300 27.306 27.316 27.323 27.333 27.340 27.346 27.353 27.358 27.358	83.7 82.8 82.2 81.3 80.7 80.1	14.127 14.211 14.295 14.377 14.459 14.540 14.620 14.700 14.779 14.858	0000000000	1481.1 1480.8 1480.9 1480.9 1481.1 1481.1 1481.2 1481.3 1481.4	7849.6 7989.9 8130.9 8272.7 8415.4 8558.8 8703.0 8848.1 8993.9 9140.4	7.5 9.0 13.6 6.3 7.2 16.6 5.5 5.2 15.1 3.1

Station	35	Latitude	32° 40.	11'N	Longitu	ide 127°	41.21'W	29	Apr 1991	GMT	3:48	Bottom	4375 m
Pres.	Depth	Temp.	Pot.T.	\$al	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn.Ht	LTR	sv	TF	N ²
db	m	*c	.c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	J/kg	0/0		m ³ /s ²	10 ⁶ /s ²
1000.0	992.1	3.774	3.700	34.445	27.375	31.984	27.368	78.3	14.937	.0		9287.8	5.8
1020.0	1011.9	3.720	3.645	34.454	27.388	32.089	27.380	77.1	15.092	.ŏ	1481.7	9584.8	3.7
1040.0 1060.0	1031.7 1051.4	3.695	3.619	34.459	27.394	32.188	27.387	76.6	15.246	.0	1481.9	9884.8	1.1
1080.0	1071.2	3.634 3.592	3.556 3.513	34.468 34.474	27.408	32.294	27.400	75.3	15.398	.0		10187.8	6.7
1100.0	1091.0	3.552	3.472	34.477	27.417 27.423	32.395 32.494	27.409 27.415	74.6	15.548 15.696	.0	1482.1	10493.7	-1.2
1120.0	1110.8	3.513	3.432	34.483	27.431	32.595	27.415	74.1 73.3	15.844	.0	1482.3 1482.5	10802.6 11114.4	.8 5.2
1140.0	1130.5	3.485	3.402	34.486	27.437	32.692	27.429	72.9	15.990	.ŏ	1482.7	11429.0	5.0
1160.0	1150.3	3.440	3.355	34.491	27.445	32.793	27.437	72.1	16.135	.ŏ	1482.8	11746.5	8.8
1180.0	1170.1	3.381	3.296	34.498	27.456	32.896	27.448	71.1	16.278	.0	1482.9	12066.8	8.8 2.6
1200.0	1189.8	3.339	3.252 3.216	34.503	27.465	32.998	27.457	70.3	16.419	.0	1483.1	12389.8	2.6
1220.0 1240.0	1209.6	3.304	3.216	34.507	27.472	33.096	27.463	69.8	16.559	.0	1483.3	12715.7	2.4
1240.0	1229.3 1249.1	3.270 3.232	3.181 3.142	34.514	27.480	33.197	27.472	69.0	16.698	.0	1483.5	13044.2	. 9
1280.0	1268.8	3.203	3.111	34.517 34.522	27.486 27.493	33.295 33.394	27.478	68.5	16.836	.0	1483.6	13375.5	3.6
1300.0	1288.6	3.139	3.046	34.524	27.501	33.494	27.485 27.492	67.9 67.2	16.972 17.107	.0	1483.9 1483.9	13709.4 14045.9	2.1
1320.0	1308.3	3.091	2.997	34.530	27.511	33.597	27.502	66.2	17.240	.ŏ	1484.0	14385.1	.1 5.0
1340.0	1328.1	3.050	2.955	34.533	27.516	33.695	27.508	65.7	17.372	.ŏ	1484.2	14726.9	2.4
1360.0 1380.0	1347.8 1367.6	3.019	2.923	34.536	27.522	33.792	27.513	65.3	17.503	.0	1484.4	15071.2	1.5
		2.992	2.894	34.538	27.526	33.888	27.517	64.9	17.633	.0	1484.6	15418.0	6.3
1400.0	1387.3	2.948	2.849	34.542	27.533	33.988	27.524	64.2	17.762	.0	1484.8	15767.4	2.2
1420.0	1407.1	2.905	2.805	34.546	27.540	34.087	27.531	63.6	17.890	.0	1484.9	16119.3	6.3
1440.0 1460.0	1426.8 1446.5	2.867 2.835	2.766	34.548	27.545	34,184	27.536	63.1	18.017	.0	1485.1	16473.7	2
1480.0	1466.3	2.800	2.733 2.696	34.550 34.553	27.550 27.555	34.281 34.379	27.541	62.7	18.143	.0	1485.3	16830.5	3.1
1500.0	1486.0	2.760	2.654	34.557	27.562	34.478	27.546 27.553	62.1 61.5	18.267 18.391	.0	1485.5 1485.7	17189.7 17551.4	.4
1520.0	1505.7	2.743	2.636	34.558	27.565	34.572	27.556	61.3	18.514	.0	1485.9	17915.5	2.8 5.7
1540.0	1525.5	2.718	2.610	34.562	27.570	34.669	27.561	60.9	18.636	.ŏ	1486.1	18281.9	2.5
1560.0 1580.0	1545.2	2.673	2.564	34.564	27.576	34.766	27.566	60.3	18.757	.ŏ	1486.3	18650.7	2.5 4.3
	1564.9	2.641	2.531	34.566	27.580	34.863	27.570	59.9	18.877	.0	1486.5	19021.9	1.4
1600.0	1584.6	2.620	2.508	34.569	27.585	34.959	27.575	59.5	18.997	.0	1486.7	19395.4	1.7
1620.0	1604.3	2.586	2.473	34.569	27.588	35.054	27.578	59.2	19.115	.0	1486.9	19771.1	
1640.0 1660.0	1624.1 1643.8	2.554 2.532	2.440 2.417	34.573	27.593	35.152	27.584	58.7	19.233	.0	1487.1	20149.2	4.3
1680.0	1663.5	2.506	2.389	34.575 34.576	27.597 27.600	35.247 35.341	27.587	58.3	19.351	.0	1487.4	20529.6	5.8
1700.0	1683.2	2.486	2.367	34.579	27.605	35.437	27.590 27.595	58.1 57.7	19.467 19.583	.0	1487.6 1487.8	20912.2 21297.1	2.0
1720.0	1702.9	2.457	2.337	34.582	27.610	35.534	27.600	57.2	19.698	.0	1488.0	21684.2	2.0 1.5
1740.0	1722.6	2.434	2.313	34.586	27.615	35.630	27.604	56.8	19,812	.ŏ	1488.3	22073.6	5.0
1760.0 1780.0	1742.3 1762.1	2.412 2.387	2.290	34.589	27.618	35.726	27.608	56.4	19.925	.0	1488.5	22465.1	4.4
			2.263	34.590	27.622	35.821	27.612	56.1	20.038	.0	1488.8	22858.9	2.1
1800.0	1781.8	2.346	2.222	34.592	27.627	35.918	27.617	55.6	20.149	.0	1488.9	23254.8	3.3
1820.0 1840.0	1801.4 1821.2	2.320 2.295	2.193 2.167	34.595 34.597	27.632	36.014	27.621	55.1	20.260	.0	1489.1	23652.8	2.7
1860.0	1840.8	2.270	2.141	34.600	27.636 27.640	36.110 36.205	27.625 27.629	54.8	20.370	.0	1489.4	24053.0	2.1
1880.0	1860.5	2.237	2.107	34.603	27.645	36.302	27.634	54.4 53.9	20.479 20.587	-0	1489.6 1489.8	24455.3	3.6
1900.0	1880.2	2.212	2.080	34.606	27.649	36.398	27.639	53.4	20.694	.0	1490.0	24859.7 25266.2	1.0
1920.0	1899.9	2.190	2.058	34.607	27.652	36.493	27.642	53.1	20.801	.ŏ	1490.3	25674.7	:4
1940.0 1960.0	1919.6 1939.3	2.176	2.041	34.609	27.655	36.587	27.645	52.9	20.907	.0	1490.5	26085.3	3.i
1980.0	1959.0	2.149 2.122	2.014 1.986	34.612 34.615	27.660	36.682	27.649	52.5	21.012	.0	1490.8	26498.0	2.8
					27.664	36.778	27.653	52.0	21.117	.0	1491.0	26912.7	1
2000.0 2050.0	1978.7 2027.9	2.105 2.056	1.967	34.617	27.667	36.872	27.656	51.7	21.221	.0	1491.2	27329.3	1
2096.0	2073.1	2.015	1.914 1.870	34.621 34.625	27.675	37.108	27.664	51.0	21.478	.0	1491.9	28379.8	-:17
			2.070	37.423	27.681	37.324	27.670	50.4	21.711	.0	1492.5	29357.0	.0

Station	36	Latitude	32° 54.	24'N	Longit	ide 127°	34.44'W	29	Apr 1991	GMT 6	:58	Bottom	4470 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma -0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg		LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	14.929 14.931 14.941 14.916 14.597 14.455 14.421 14.227 13.835 13.950	14.929 14.930 14.938 14.912 14.591 14.448 14.412 14.217 13.824 13.937	33.114 33.113 33.118 33.156 33.191 33.185 33.201 33.178 33.090 33.190	24.534 24.533 24.535 24.570 24.666 24.692 24.712 24.735 24.748 24.802	24.534 24.578 24.624 24.703 24.843 24.913 24.977 25.045 25.103 25.201	24.534 24.533 24.535 24.569 24.665 24.6690 24.710 24.732 24.746 24.800	339.1 339.5 339.6 336.6 327.7 325.6 323.9 322.0 321.0 316.1	.000 .339 .679 1.017 1.351 1.678 2.002 2.326 2.647 2.966	0000000000	1504.9 1505.0 1505.3 1504.5 1504.2 1503.8 1502.6 1503.2	.0 1.7 6.8 15.2 27.0 42.1 60.4 82.0 106.8 134.7	.0 2 6.3 21.2 94.7 31.4 9.1 30.5 12.0 157.5
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.1	14.270 12.195 10.851 10.504 10.185 10.078 9.890 9.902 9.728 9.666	14.256 12.181 10.837 10.489 10.169 10.061 9.872 9.883 9.708 9.644	33.448 33.147 33.042 33.112 33.243 33.358 33.427 33.576 33.619 33.721	24.935 25.117 25.281 25.396 25.552 25.746 25.860 25.923 26.013	25.377 25.608 25.820 25.981 26.183 26.336 26.467 26.626 26.735 26.870	24.932 25.114 25.278 25.393 25.549 25.657 25.742 25.857 25.919 26.009	303.9 286.5 270.8 260.0 245.2 235.2 216.6 210.8 202.4	3.277 3.576 3.854 4.120 4.371 4.610 4.842 5.062 5.277 5.484	0000000000	1504.8 1497.6 1492.9 1491.9 1491.1 1490.6 1490.6 1490.5 1490.6	165.8 199.9 236.9 276.6 318.8 363.5 410.5 459.8 511.2 564.7	217.7 332.1 128.3 209.6 54.4 103.8 151.6 32.1 113.8 93.9
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 218.9 228.9 238.8 248.8 258.7 268.6 278.6 288.5	9.511 9.396 9.295 9.281 9.252 9.143 9.047 8.889 8.755 8.562	9.489 9.372 9.271 9.256 9.225 9.116 9.019 8.860 8.726 8.531	33.767 33.829 33.876 33.920 33.946 33.971 33.999 34.027 34.051 34.059	26.075 26.142 26.195 26.232 26.257 26.295 26.331 26.379 26.419 26.455	26.978 27.091 27.189 27.271 27.342 27.424 27.507 27.601 27.686 27.768	26.071 26.138 26.191 26.228 26.253 26.290 26.327 26.374 26.414 26.450	196.7 190.5 185.6 182.4 180.2 176.8 173.5 169.1 165.4 162.1	5.683 5.877 6.065 6.248 6.429 6.607 6.783 6.954 7.121	0000000000	1490.3 1490.1 1489.9 1490.1 1490.2 1490.0 1489.8 1489.4 1489.1 1488.6	620.2 677.6 737.0 798.1 861.1 925.9 992.4 1060.7 1130.6 1202.1	88.3 88.9 65.1 43.8 13.0 39.1 51.1 59.5 51.9 30.8
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.4 308.4 318.3 328.2 338.1 358.0 367.9 377.9 387.8	8.419 8.341 8.227 8.138 8.010 7.869 7.699 7.549 7.351	8.388 8.309 8.194 8.104 7.975 7.834 7.663 7.513 7.409 7.314	34.061 34.073 34.079 34.083 34.085 34.081 34.084 34.089 34.089	26.479 26.500 26.522 26.539 26.559 26.5604 26.6629 26.644 26.666	27.839 27.905 27.973 28.036 28.103 28.175 28.241 28.313 28.374 28.442	26.474 26.495 26.517 26.534 26.558 26.580 26.599 26.624 26.639 26.661	159.9 158.1 156.1 154.6 152.8 150.4 148.6 144.9 143.0	7.445 7.604 7.761 7.916 8.069 8.222 8.371 8.519 8.664 8.808	00000000000	1488.2 1488.1 1487.8 1487.6 1487.3 1486.9 1486.4 1486.0 1485.8 1485.6	1275.2 1350.0 1426.3 1504.1 1583.5 1664.3 1746.7 1830.5 1915.8 2002.5	25.5 27.5 23.7 18.1 4.4 37.7 22.1 16.3 19.5
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1 487.0	7.232 7.109 7.061 6.889 6.834 6.785 6.693 6.614 6.517 6.419	7.194 7.070 7.022 6.849 6.793 6.743 6.651 6.571 6.474 6.376	34.097 34.105 34.109 34.118 34.121 34.132 34.142 34.145 34.153 34.152	26.680 26.704 26.714 26.755 26.770 26.790 26.804 26.823 26.834	28.503 28.573 28.628 28.706 28.762 28.823 28.890 28.950 29.015 29.074	26.675 26.699 26.708 26.739 26.749 26.764 26.785 26.798 26.817 26.829	141.7 139.5 138.7 135.8 135.0 133.6 131.7 130.5 128.8 127.7	8.950 9.090 9.229 9.366 9.502 9.636 9.769 9.900 10.030 10.158	0000000000	1485.3 1485.0 1484.5 1484.4 1484.4 1484.2 1484.2 1484.1 1483.9 1483.6	2090.7 2180.2 2271.1 2363.4 2457.0 2551.9 2648.2 2745.7 2844.6 2944.7	26.5 5.7 30.3 19.1 24.1 15.9 6.5 13.8 12.1 21.4
500.0 510.0 520.0 530.0 550.0 550.0 570.0 580.0 590.0	496.9 506.9 516.8 526.7 536.6 546.5 556.4 566.3 576.3 586.2	6.329 6.217 6.000 5.840 5.730 5.718 5.568 5.466 5.432 5.411	6.284 6.172 5.954 5.795 5.684 5.672 5.521 5.418 5.384 5.362	34.148 34.140 34.122 34.114 34.116 34.133 34.125 34.125 34.143 34.145	26.844 26.852 26.865 26.878 26.894 26.909 26.921 26.947 26.952	29.129 29.184 29.246 29.307 29.370 29.430 29.490 29.563 29.615 29.670	26.838 26.846 26.859 26.873 26.888 26.903 26.915 26.947 26.947	126.9 126.1 124.8 123.4 122.0 120.7 119.5 117.0 116.6 115.7	10.285 10.412 10.537 10.661 10.784 10.906 11.026 11.144 11.261 11.377		1483.4 1483.1 1482.4 1481.9 1481.6 1481.8 1481.3 1481.1 1481.1	3046.1 3148.7 3252.6 3357.8 3571.6 3680.4 3790.3 3901.3 4013.5	15.0 6.7 11.7 11.1 -1.5 22.2 7.5 18.9 4.3 12.2
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.7 645.6 655.5 665.5 675.4 685.3	5.408 5.368 5.307 5.244 5.085 5.132 5.096 4.967	5.358 5.318 5.256 5.192 5.034 5.079 5.042 5.013 4.913	34.168 34.175 34.182 34.187 34.183 34.201 34.219 34.223 34.229 34.246	26.974 26.985 26.997 27.009 27.024 27.032 27.052 27.058 27.074 27.089	29.728 29.784 29.844 29.902 29.965 30.018 30.084 30.136 30.200 30.260	26.968 26.979 26.992 27.003 27.018 27.026 27.045 27.052 27.068 27.083	114.7 113.8 112.6 111.6 110.1 109.5 107.7 107.2 105.6 104.3	11.492 11.606 11.720 11.832 11.943 12.052 12.161 12.268 12.375 12.480	.00.00000000000000000000000000000000000	1481.4 1481.3 1481.2 1480.7 1481.1 1481.1 1481.1 1481.2 1481.0 1481.1	4126.9 4241.4 4357.0 4473.7 4591.5 4710.4 4830.4 4951.4 5073.5 5196.6	8.1 11.9 23.9 2.2 12.2 7.2 10.4 12.2 9.3 16.0
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.947 4.940 4.869 4.840 4.815 4.780 4.716 4.518 4.518 4.497 4.403	4.891 4.883 4.812 4.781 4.756 4.721 4.656 4.458 4.436 4.342	34.258 34.268 34.285 34.294 34.302 34.312 34.314 34.302 34.306 34.306	27.100 27.108 27.130 27.141 27.149 27.162 27.170 27.182 27.188 27.198	30.317 30.371 30.439 30.496 30.551 30.609 30.665 30.726 30.778 30.835	27.094 27.102 27.123 27.134 27.143 27.155 27.164 27.176 27.182 27.191	99.7 99.0 97.9 97.0 95.7 95.2	12.584 12.687 12.788 12.888 12.988 13.086 13.184 13.280 13.375 13.470	.00	1481.2 1481.4 1481.3 1481.3 1481.4 1481.5 1481.4 1480.7 1480.8 1480.5	5320.8 5445.9 5572.1 5699.3 5827.4 5956.5 6086.6 6217.7 6349.6 6482.5	4.0 17.8 7.5 13.4 4.0 19.2 12.2 -9.2 18.3 4.8
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.407 4.452 4.434 4.371 4.350 4.334 4.439 4.410 4.356 4.307	4.346 4.389 4.371 4.307 4.285 4.269 4.372 4.343 4.288 4.239	34.312 34.335 34.339 34.346 34.352 34.359 34.386 34.392 34.394	27.202 27.217 27.222 27.234 27.241 27.248 27.258 27.267 27.274 27.280	30.885 30.944 30.995 31.054 31.107 31.160 31.214 31.268 31.322 31.375	27.196 27.210 27.215 27.227 27.234 27.241 27.251 27.260 27.267 27.272	92.7 92.4 91.2 90.6 90.0 89.3 88.6 87.9	13.564 13.657 13.750 13.841 13.932 14.023 14.112 14.201 14.289 14.377	.00000000000000000000000000000000000000	1480.7 1481.1 1481.2 1481.1 1481.2 1481.3 1481.9 1482.0 1481.9 1481.9	6616.4 6751.1 6886.8 7023.4 7160.8 7299.2 7438.4 7578.6 7719.5 7861.4	5.4 5.7 7.8 2.2 4.6 8.7 11.7 3.5 11.1
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.3 982.2	4.251 4.242 4.225 4.195 4.157 4.128 4.101 4.067 4.025 3.992	4.182 4.172 4.154 4.124 4.085 4.056 4.028 3.993 3.951 3.918	34.410 34.418 34.416 34.420 34.424 34.430 34.432 34.433 34.433	27.289 27.299 27.308 27.309 27.316 27.323 27.330 27.336 27.336 27.341	31.431 31.587 31.588 31.642 31.695 31.748 31.801 31.853 31.905	27.281 27.292 27.300 27.301 27.308 27.315 27.322 27.328 27.333 27.3340	86.5 85.6 84.9 84.2 83.6 82.9 82.4 81.3	14.464 14.550 14.636 14.721 14.885 14.889 14.972 15.055 15.137 15.219	.0	1481.8 1482.0 1482.1 1482.1 1482.2 1482.2 1482.3 1482.3	8004.1 8147.6 8292.0 8437.3 8583.3 8730.2 8877.9 9026.4 9175.8 9325.9	12.2 6.4 9.0 24.6 8.2 6.1 13.4 8.2 9.6 7.6

Station	36	Latitude	32° 54.	24'N	Longitu	de 127°	34.44'W	29	Apr 1991	GMT	6:58	Bottom	4470 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn. Ht	LTR	sv	TF	N ²
db	m	*c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg		0/0	m/s	m3/s2	$10^{6}/s^{2}$
1000.0	992.1	3.982	3.906	34.441	27.351	31.955	27.344	81.0	15.300	.0	1482.4	9476.8	4.7
1020.0 1040.0	1011.9	3.933	3.856	34.451	27.364	32.060	27.357	79.8	15.461	.ŏ	1482.5	9781.0	4.1
1060.0	1031.7 1051.5	3.871 3.772	3.793	34.453	27.373	32.161	27.365	79.1	15.620	.0	1482.6	10088.4	6.7
1080.0	1071.2	3.717	3.693 3.638	34.459 34.463	27.387 27.396	32.270	27.379	77.6	15.776	.0	1482.5	10398.8	8.2
1100.0	1091.0	3.658	3.577	34.471	27.408	32.371 32.476	27.388 27.400	76.9 75.7	15.930 16.083	.0	1482.6 1482.7	10712.3 11028.8	6.1
1120.0	1110.8	3.632	3.549	34.475	27.414	32.574	27.406	75.3	16.234	.0	1483.0	11348.2	4.4 5.9
1140.0	1130.6	3.578	3.494	34.484	27.426	32.678	27.418	74.2	16.383	.ŏ	1483.1	11670.6	6.2
1160.0	1150.3	3.509	3.424	34.485	27.434	32.779	27.426	73.4	16.531	.0	1483.1	11995.9	3.8
1180.0	1170.1	3,438	3.352	34.487	27.443	32.881	27.435	72.5	16.677	.0	1483.2	12324.0	6.7
1200.0	1189.8	3.357	3.270	34.490	27.453	32.985	27.445	71.5	16.821	.0	1483.1	12655.0	5.3
1220.0 1240.0	1209.6 1229.4	3.315	3.227 3.172	34.500	27.465	33.089	27.456	70.5	16.963	.0	1483.3	12988.8	5.3
1260.0	1249.1	3.261 3.229	3.172	34.506 34.512	27.475	33.192	27.467	69.5	17.102	.0	1483.4	13325.3	. 6
1280.0	1268.9	3.180	3.089	34.517	27.483 27.492	33.292 33.393	27.475 27.483	68.8 68.0	17.241 17.378	.0	1483.6	13664.5	5.6
1300.0	1288.6	3.133	3.040	34.520	27.498	33.492	27.489	67.4	17.513	.0	1483.7 1483.9	14006.5 14351.0	6.2 -1.4
1320.0	1308.4	3.120	3.026	34.524	27.503	33.588	27.494	67.0	17.647	.ŏ	1484.2	14698.2	4.8
1340.0 1360.0	1328.1	3.094	2.998	34.529	27.510	33.686	27.501	66.5	17.781	.ŏ	1484.4	15048.0	3.9
1380.0	1347.9 1367.6	3.056	2.959	34.533	27.516	33.785	27.507	65.9	17.913	٠,	1484.6	15400.4	2.4
		3.025	2.927	34.536	27.522	33.883	27.513	65.4	18.044	.0	1484.8	15755.4	3.6
1400.0	1387.3	2.982	2.882	34.539	27.528	33.981	27.519	64.8	18.174	.0	1484.9	16112.9	3.0
1420.0 1440.0	1407.1 1426.8	2.949	2.848	34.543	27.534	34.079	27.525	64.3	18.304	.0	1485.1	16472.9	2.2
1460.0	1446.6	2.923 2.885	2.820 2.781	34.547 34.550	27.540	34.177	27.531	63.8	18.432	.0	1485.3	16835.4	4.2
1480.0	1466.3	2.849	2.744	34.554	27.546 27.552	34.275 34.374	27.537 27.543	63.2 62.6	18.559	٠.٥	1485.5	17200.4	3.1
1500.0	1486.0	2.827	2.721	34.557	27.556	34.469	27.543	62.3	18.684 18.809	.0	1485.7 1485.9	17567.9 17937.8	2.5
1520.0	1505.8	2.795	2.688	34.558	27.560	34.565	27.551	61.9	18.934	.ŏ	1486.1	18310.1	3.1 3.1
1540.0	1525.5	2.765	2.657	34.560	27.565	34.661	27.555	61.5	19.057	.ŏ	1486.3	18684.9	1.4
1560.0 1580.0	1545.2	2.728	2.619	34.562	27.570	34.758	27.560	61.1	19.180	.0	1486.5	19062.0	3.1
	1564.9	2.698	2.587	34.567	27.576	34.857	27.566	60.5	19.301	.0	1486.7	19441.5	2.9
1600.0	1584.7	2.656	2.544	34.570	27.582	34.955	27.572	59.9	19.422	.0	1486.9	19823.3	9.9
1620.0 1640.0	1604.4	2.619	2.506	34.571	27.587	35.051	27.577	59.5	19.541	.o	1487.1	20207.5	1.4
1660.0	1624.1 1643.8	2.594 2.547	2.479 2.431	34.574 34.577	27.591	35.148	27.581	59.0	19.659	.0	1487.3	20594.0	2.3
1680.0	1663.5	2.526	2.431	34.577	27.598 27.602	35.247 35.342	27.588	58.4	19.777	.0	1487.4	20982.7	1.1
1700.0	1683.2	2.492	2.373	34.584	27.608	35.440	27.592 27.598	58.0 57.4	19.893	.0	1487.7 1487.9	21373.8	1.2
1720.0	1702.9	2.461	2.342	34.587	27.613	35.537	27.603	56.9	20.123	.ŏ	1488.1	21767.1 22162.6	3.8 2.4
1740.0	1722.6	2.435	2.314	34.589	27.617	35.633	27.607	56.5	20.237	.0	1488.3	22560.3	1.2
1760.0 1780.0	1742.3 1762.1	2.417 2.364	2.294	34.591	27.620	35.727	27.610	56.3	20.350	.0	1488.5	22960.2	1.8
			2.240	34.593	27.626	35.826	27.616	55.6	20.461	.0	1488.7	23362.3	-1.1
1800.0	1781.8	2.342	2.217	34.594	27.629	35.921	27.619	55.3	20.572	.0	1488.9	23766.5	1.5
1820.0 1840.0	1801.5 1821.2	2.313 2.292	2.187 2.164	34.597 34.599	27.634	36.017	27.623	54.9	20.682	.0	1489.1	24172.9	2.4
1860.0	1840.8	2.277	2.148	34.601	27.638 27.640	36.112 36.206	27.627 27.630	54.6	20.792	.0	1489.4	24581.4	3.6
1880.0	1860.6	2.257	2.127	34.604	27.644	36.301	27.633	54.3 54.0	20.901 21.009	.0	1489.6 1489.9	24992.0	3.6
1900.0	1880.2	2.236	2.104	34.606	27.648	36.396	27.637	53.7	21.117	.0	1490.1	25404.7 25819.5	2.2 1.6
1920.0	1899.9	2.221	2.088	34.606	27.649	36.488	27.638	53.6	21.224	.ŏ	1490.4	26236.4	2.8
1940.0 1960.0	1919.6 1939.3	2.197	2.063	34.609	27.653	36.583	27.642	53.2	21.331	.0	1490.6	26655.3	3.7
1980.0	1959.0	2.164 2.144	2.028 2.007	34.612 34.613	27.659	36.680	27.648	52.6	21.437	.0	1490.8	27076.3	2.8
					27.662	36.775	27.650	52.4	21.542	٠.	1491.1	27499.3	1.4
2000.0 2050.0	1978.7 2027.9	2.134 2.077	1.995	34.615	27.664	36.867	27.653	52.2	21.646	.0	1491.4	27924.4	1.4
2098.0	2075.1	2.029	1.935 1.883	34.620 34.627	27.672 27.682	37.104	27.661	51.4	21.905	.0	1492.0	28995.8	1.4
				J7. V2 /	21,002	37.332	27.670	50.5	22.150	.0	1492.6	30036.0	.0

Station	37	Latitude	32. 47.	28'N	Longit	ude 127°	16.29'W	30	Apr 1991	GMT 10	:06	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.7 79.7	14.983 14.987 14.991 14.990 14.181 14.184 14.455 14.436 14.309	14.983 14.985 14.988 14.843 14.174 14.176 14.444 14.424 14.296	33.216 33.216 33.216 33.193 33.087 33.125 33.220 33.260 33.261	24.601 24.600 24.600 24.614 24.674 24.703 24.719 24.755 24.782	24.601 24.645 24.689 24.733 24.791 24.895 24.969 25.029 25.181	24.601 24.600 24.600 24.613 24.672 24.701 24.717 24.773 24.779	332.7 333.1 333.4 333.7 332.7 327.3 324.8 323.5 320.4 318.1	.000 .333 .666 1.000 1.333 1.662 1.988 2.312 2.634 2.953	00000000000	1505.1 1505.3 1505.5 1505.7 1503.2 1503.4 1504.6 1504.7	.0 1.7 6.6 14.9 26.6 41.5 59.7 81.1 105.7 133.5	5 -1.0 -7 70.1 16.7 39.0 11.5 30.2 16.8
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.1	13.831 11.604 11.393 10.378 10.224 9.968 9.616 9.388 9.329 9.247	13.817 11.591 11.379 10.363 10.208 9.951 9.598 9.370 9.309 9.226	33.218 33.008 33.112 33.072 33.110 33.211 33.322 33.425 33.495 33.674	24.848 25.119 25.238 25.386 25.442 25.564 25.709 25.826 25.891 26.044	25.292 25.612 25.776 25.972 26.073 26.241 26.432 26.595 26.705 26.903	24.846 25.116 25.236 25.383 25.439 25.561 25.706 25.823 25.828 26.041	312.0 286.1 274.9 260.8 255.7 244.3 230.6 219.7 199.3	3.269 3.568 3.849 4.114 4.371 4.623 4.859 5.084 5.301 5.507	00000000000	1503.0 1495.4 1494.9 1491.4 1491.1 1490.4 1489.4 1488.9 1488.9	164.5 198.5 235.5 275.1 317.3 362.0 409.2 458.7 510.3 564.0	199.1 150.1 152.7 110.9 23.9 202.8 121.9 66.5 143.8 78.0
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.8 248.8 258.7 268.6 278.6 288.5	9.210 9.136 9.054 9.011 8.882 8.748 8.602 8.490 8.372 8.288	9.188 9.113 9.030 8.986 8.856 8.722 8.575 8.462 8.343 8.259	33.745 33.813 33.867 33.892 33.933 33.966 33.999 34.018 34.029 34.043	26.106 26.171 26.226 26.253 26.305 26.352 26.401 26.433 26.461 26.484	27.010 27.121 27.222 27.293 27.392 27.484 27.579 27.657 27.730 27.800	26.102 26.167 26.222 26.249 26.301 26.348 26.397 26.429 26.456 26.480	193.7 187.6 182.6 180.3 175.4 171.1 166.6 163.7 161.2	5.703 5.894 6.080 6.261 6.439 6.611 6.780 6.945 7.107 7.267	00000000000	1489.1 1489.1 1489.0 1489.1 1488.8 1488.5 1488.1 1487.9 1487.6 1487.5	619.8 677.4 736.9 798.2 861.3 926.2 992.7 1060.9 1130.6 1202.0	41.9 81.2 117.8 20.9 63.0 35.5 49.8 20.8 38.6 11.7
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.4 308.4 318.3 328.2 338.1 348.1 358.0 367.9 377.9 387.8	8.167 8.127 8.045 7.985 7.908 7.815 7.681 7.455 7.309 7.175	8.136 8.095 8.013 7.951 7.874 7.781 7.646 7.420 7.272 7.138	34.056 34.060 34.058 34.068 34.088 34.089 34.089 34.081 34.078 34.083	26.513 26.522 26.532 26.549 26.576 26.594 26.611 26.636 26.655 26.678	27.874 27.929 27.985 28.048 28.121 28.185 28.247 28.321 28.386 28.455	26.508 26.517 26.528 26.544 26.571 26.589 26.605 26.631 26.650 26.673	156.5 155.8 155.0 153.5 151.1 149.5 148.0 145.5 143.8 141.7	7.425 7.581 7.737 7.891 8.043 8.193 8.342 8.489 8.633 8.776		1487.2 1487.2 1487.1 1487.0 1486.9 1486.4 1485.6 1485.2 1484.9	1275.0 1349.5 1425.5 1503.1 1582.2 1662.9 1744.9 1828.5 1913.5 1999.9	17.2 9.3 30.7 14.3 20.7 17.8 9.0 15.7 6.3
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1 487.0	7.082 6.888 6.834 6.727 6.607 6.470 6.369 6.206 5.949	7.045 6.850 6.795 6.688 6.567 6.430 6.328 6.165 5.758	34.081 34.091 34.095 34.104 34.107 34.102 34.101 34.074 34.068	26.689 26.715 26.731 26.749 26.772 26.792 26.801 26.821 26.833 26.847	28.512 28.586 28.648 28.712 28.849 28.905 28.972 29.033 29.034	26.684 26.710 26.726 26.743 26.766 26.787 26.796 26.816 26.818 26.828 26.841	140.8 138.2 136.8 135.2 133.1 131.1 130.4 128.4 127.2 125.8	8.917 9.056 9.194 9.330 9.463 9.596 9.726 9.856 9.983 10.109		1484.7 1484.0 1483.8 1483.5 1483.1 1482.9 1482.4 1481.5 1481.0	2087.7 2176.9 2267.4 2359.3 2452.6 2547.1 2643.0 2740.1 2838.5 2938.2	34.7 19.4 18.2 39.6 11.7 26.1 29.9 18.4 22.2 5.7
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	496.9 506.9 516.8 526.7 536.6 546.5 556.4 566.3 576.3	5.953 6.038 5.992 5.929 5.787 5.675 5.624 5.517 5.429	5.910 5.993 5.947 5.883 5.740 5.628 5.577 5.469 5.428 5.380	34.108 34.142 34.151 34.154 34.166 34.168 34.168 34.170 34.183 34.187	26.859 26.888 26.899 26.919 26.940 26.948 26.962 26.978 26.986	29.150 29.211 29.270 29.326 29.394 29.462 29.516 29.577 29.639 29.694	26.854 26.870 26.883 26.893 26.913 26.934 26.942 26.956 26.972 26.980	125.0 123.7 122.5 121.6 119.7 117.7 117.0 115.6 114.3 113.5	10.235 10.359 10.482 10.604 10.724 10.843 10.960 11.076 11.191 11.305	000000000000000000000000000000000000000	1481.9 1482.4 1482.4 1482.3 1481.9 1481.6 1481.6 1481.3 1481.3	3039.1 3141.2 3244.5 3349.1 3454.8 3561.8 3669.8 3779.1 3889.5 4001.0	3.4 15.5 13.4 24.9 5.2 6.1 16.9 17.5
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0 690.0	596.1 606.0 615.9 625.8 635.7 645.6 655.5 665.5 675.4 685.3	5.405 5.322 5.290 5.211 5.151 5.010 4.971 4.950 4.948 4.871	5.355 5.271 5.239 5.160 5.099 4.957 4.918 4.896 4.893 4.816	34.192 34.206 34.215 34.225 34.231 34.232 34.236 34.243 34.262 34.269	26.993 27.014 27.025 27.042 27.055 27.072 27.079 27.087 27.102 27.117	29.747 29.815 29.872 29.935 29.995 30.059 30.113 30.167 30.228 30.289	26.987 27.008 27.019 27.036 27.049 27.066 27.073 27.081 27.096 27.110	108.4 107.3 105.6 105.0 104.2 103.0	11.419 11.530 11.641 11.750 11.858 11.965 12.070 12.175 12.278 12.381	.00000000000000000000000000000000000000	1481.4 1481.2 1481.3 1481.1 1481.1 1480.6 1480.7 1480.7 1480.9 1480.8	4113.6 4227.4 4342.2 4458.1 4575.1 4812.2 4932.3 5053.5 5175.6	20.1 9.0 10.4 25.7 19.2 19.5 7.8 9.2 25.1 14.8
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.838 4.818 4.795 4.737 4.707 4.698 4.658 4.658 4.612 4.516 4.30	4.782 4.762 4.738 4.680 4.649 4.639 4.598 4.552 4.455 4.369	34.273 34.284 34.289 34.296 34.304 34.315 34.326 34.331 34.330 34.325	27.124 27.135 27.142 27.153 27.164 27.173 27.186 27.195 27.205 27.210	30.342 30.399 30.452 30.511 30.567 30.622 30.681 30.737 30.795 30.847	27.117 27.129 27.135 27.147 27.157 27.167 27.167 27.179 27.189 27.199 27.204	100.0 99.5 98.4 97.5 96.6 95.5 94.6 93.6	12.482 12.582 12.682 12.781 12.879 12.976 13.072 13.167 13.261 13.354	0000000000	1480.8 1480.9 1481.0 1480.9 1481.1 1481.1 1481.1 1480.9 1480.7	5298.8 5422.9 5548.1 5674.2 5801.3 5929.3 6058.3 6188.2 6319.0 6450.8	7.2 9.5 4.9 9.8 3.1 14.5 10.7 14.8 7.5
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.310 4.352 4.358 4.327 4.300 4.331 4.297 4.273 4.247 4.231	4.248 4.289 4.295 4.264 4.236 4.266 4.231 4.207 4.180 4.163	34.320 34.342 34.354 34.360 34.366 34.379 34.381 34.390 34.397 34.400	27.219 27.233 27.241 27.250 27.257 27.264 27.269 27.279 27.288 27.292	30.904 30.962 31.016 31.071 31.125 31.177 31.228 31.284 31.339 31.388	27.213 27.226 27.235 27.243 27.250 27.257 27.262 27.272 27.281 27.284	91.0 90.4 89.6 89.0 88.5 88.0 87.2 86.4	13.447 13.538 13.629 13.719 13.808 13.897 13.985 14.072 14.159 14.246	.00000000000000000000000000000000000000	1480.3 1480.7 1480.9 1480.9 1481.3 1481.3 1481.3 1481.4 1481.5	6583.5 6717.1 6851.6 6986.9 7123.2 7260.3 7398.3 7537.1 7676.8 7817.4	16.0 4.6 16.0 6.3 3.1 1.7 3.1 7.2 5.2
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.3 982.2	4.198 4.162 4.129 4.060 4.031 4.040 4.019 4.009 3.961 3.922	4.129 4.093 4.059 3.990 3.961 3.968 3.947 3.936 3.888 3.848	34.401 34.410 34.417 34.418 34.425 34.429 34.431 34.438 34.445	27.296 27.303 27.310 27.323 27.327 27.332 27.337 27.340 27.351 27.361	31.439 31.492 31.546 31.606 31.656 31.707 31.758 31.807 31.864 31.920	27.289 27.295 27.303 27.316 27.320 27.325 27.330 27.333 27.343 27.353	85.1 84.4 83.1 82.8 82.5 82.0 81.8	14.332 14.417 14.502 14.585 14.668 14.751 14.833 14.915 14.996 15.077		1481.6 1481.7 1481.6 1481.6 1481.8 1481.9 1482.0 1482.0	7958.8 8101.0 8244.1 8388.0 8532.7 8678.2 8824.6 8971.7 9119.6 9268.4	9.3 8.1 3.4 5.8 3.7 16.6 13.7

Station	37	Latitude	32° 47.	28' N	Longitu	de 127°	16.29'W	30	Apr 1991	GMT 10	:06	Bottom	4325 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t		Dyn.Ht	LTR	sv	TF m ³ /s ²	N ²
db	m	·c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	J/kg	0/0	m/s	m ³ /s ²	10 ⁶ /s ²
1000.0	992.1	3.903	3.828	34.447	27.364	31.970	27.357	79.6	15.156	.0	1482.1	9417.9	4.6
1020.0 1040.0	1011.9 1031.7	3.846 3.794	3.770 3.717	34.456 34.459	27.377 27.385	32.075 32.176	27.369 27.377	78.4 77.7	15.314 15.471	٠٥.	1482.2 1482.3	9719.2 10023.7	7.6
1060.0	1051.5	3.714	3.635	34.464	27.397	32.281	27.389	76.6	15.625	.0	1482.3	10331.1	4.1
1080.0	1071.2	3.657	3.577	34.473	27.410	32.387	27.402	75.4	15.777	.0	1482.4	10641.6	12,3
1100.0 1120.0	1091.0 1110.8	3.603 3.537	3.522 3.455	34.480 34.484	27.421 27.430	32.490 32.592	27.413 27.422	74.4	15.927 16.075	٠.	1482.5	10955.0	3.8
1140.0	1130.5	3.477	3.394	34.486	27.438	32.693	27.422	73.5 72.8	16.221	.0 .0	1482.6 1482.7	11271.3 11590.5	4.1 7.3
1160.0	1150.3	3.418	3.334	34.488	27.445	32.793	27.437	72.1	16.366	.0	1482.7	11912.6	3.8
1180.0	1170.1	3.385	3.300	34.493	27.453	32.893	27.445	71.4	16.510	.0	1482.9	12237.5	1.5
1200.0 1220.0	1189.8	3.313	3.227 3.177	34.496	27.462	32.995	27.454	70.6	16.652	.0	1483.0	12565.1	10.0
1240.0	1209.6 1229.3	3.264 3.223	3.134	34.502 34.506	27.471 27.478	33.097 33.196	27.463 27.470	69.7	16.792	٥.	1483.1	12895.5	3.8
1260.0	1249.1	3.182	3.092	34.511	27.487	33.297	27.478	69.1 68.3	16.931 17.068	.0	1483.3 1483.4	13228.7 13564.5	5.6 2.7
1280.0	1268.9	3.145	3.054	34.515	27.493	33.395	27.485	67.8	17.204	.0	1483.6	13903.0	1.5
1300.0 1320.0	1288.6 1308.4	3.105 3.061	3.013 2.967	34.520 34.526	27.501 27.510	33.496	27.493	67.0	17.339	.0	1483.8	14244.1	6.2
1340.0	1328.1	3.033	2.937	34.528	27.514	33.597 33.693	27.501 27.505	66.2 65.9	17.472 17.604	.0	1483.9 1484.1	14587.9 14934.2	3.9 5.6
1360.0	1347.8	3.001	2.905	34.533	27.521	33.792	27.513	65.2	17.735	.ŏ	1484.3	15283.1	8.0
1380.0	1367.6	2.972	2.874	34.539	27.528	33.891	27.520	64.6	17.865	.0	1484.5	15634.5	.1
1400.0	1387.3	2.944	2.845	34.543	27.534	33.989	27.525	64.1	17.994	.0	1484.8	15988.5	2.4
1420.0 1440.0	1407.1 1426.8	2.915 2.872	2.814 2.771	34.545 34.546	27.539 27.543	34.085	27.530	63.7	18.122	٠.٥	1485.0	16344.9	4.5
1460.0	1446.6	2.849	2.746	34.550	27.549	34.182 34.279	27.534 27.540	63.3 62.8	18.249 18.375	.0	1485.1 1485.4	16703.8 17065.2	5 2.5
1480.0	1466.3	2.799	2.695	34.555	27.557	34.381	27.548	62.0	18.500	.ŏ	1485.5	17429.1	3.7
1500.0 1520.0	1486.0 1505.7	2.763	2.658	34.557	27.562	34.477	27.553	61.5	18,623	.0	1485.7	17795.3	2.8
1540.0	1525.5	2.737 2.707	2.630 2.599	34.560 34.562	27.567 27.571	34.574 34.670	27.557 27.562	61.1 60.7	18.746 18.867	٠٥.	1485.9 1486.1	18163.9 18535.0	1
1560.0	1545.2	2.674	2.565	34.564	27.576	34.766	27.566	60.3	18.988	.0	1486.3	18908.3	2.2 3.4
1580.0	1564.9	2.645	2.535	34.567	27.580	34.863	27,571	59.9	19.109	.ŏ	1486.5	19284.0	4.0
1600.0	1584.6	2.621	2.509	34.568	27.584	34.958	27.574	59.6	19.228	.0	1486.7	19662.1	1.7
1620.0 1640.0	1604.4 1624.1	2.587 2.549	2.474	34.571 34.575	27.589 27.595	35.055 35.154	27.579	59.1	19.347	.0	1486.9	20042.4	1.7
1660.0	1643.8	2.516	2.401	34.578	27.601	35.154	27.586 27.591	58.5 58.0	19.464 19.581	.0 .0	1487.1 1487.3	20425.1 20810.0	1.1
1680.0	1663.5	2.488	2.371	34.580	27.605	35.347	27.595	57.6	19.696	:ŏ	1487.5	21197.1	1.7
1700.0 1720.0	1683.2 1702.9	2.455 2.428	2.337 2.308	34.582 34.584	27.610	35.444	27.600	57.1	19.810	.0	1487.7	21586.5	1.7
1740.0	1722.6	2.387	2.266	34.588	27.614 27.620	35.539 35.638	27.604 27.610	56.7 56.1	19.924 20.037	.0 .0	1487.9 1488.1	21978.1 22371.9	2.9 4.1
1760.0	1742.3	2.360	2.238	34.590	27.624	35.734	27.614	55.7	20.149	.ŏ	1488.3	22767.8	5.0
1780.0	1762.1	2.342	2.219	34.593	27.628	35.829	27.618	55.3	20.260	.0	1488.6	23166.0	3.0
1800.0 1820.0	1781.8 1801.4	2.314 2.290	2.190 2.164	34.597 34.598	27.633 27.636	35.926	27.623	54.8	20.370	.0	1488.8	23566.2	1.5
1840.0	1821.2	2.268	2.141	34.601	27.640	36.021 36.116	27.626 27.630	54.6 54.2	20.479 20.588	.0	1489.0 1489.3	23968.6 24373.1	.6 2.1
1860.0	1840.8	2.233	2.105	34.603	27.645	36.213	27.635	53.7	20.696	.ŏ	1489.4	24779.7	1.8
1880.0 1900.0	1860.6 1880.2	2.216	2.086	34.607	27.650	36.309	27.640	53.2	20.803	.0	1489.7	25188.4	1.0
1920.0	1899.9	2.191 2.172	2.060 2.039	34.610 34.612	27.655 27.658	36.405 36.499	27.644 27.647	52.8 52.5	20.909 21.014	-0	1489.9 1490.2	25599.1 26011.8	1.0
1940.0	1919.6	2.164	2.030	34.613	27.660	36.591	27.649	52.5	21.119	.0	1490.2	26426.6	:7
1960.0	1939.3	2.150	2.015	34.614	27.661	36.684	27.650	52.3	21.224	.0	1490.8	26843.4	4
1980.0	1959.0	2.121	1.984	34.616	27.665	36.780	27.654	51.9	21.328	.0	1491.0	27262.3	4
2000.0 2050.0	1978.7 2027.9	2.094 2.046	1.956 1.904	34.619 34.624	27.670 27.678	36.875	27.659	51.5	21.432	.0	1491.2	27683.1	6.3
2096.0	2073.1	2.005	1.860	34.627	27.684	37.111 37.326	27.667 27.672	50.7 50.2	21.687 21.920	.0	1491.8 1492.4	28743.9 29730.6	2.6
										••	_ 774, 7	23130.0	.0

Station	38	Latitude	32° 33.	82'N	Longit	ude 127°	23.18'W	30	Apr 1991	GMT 20	:40	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7 89.7	14.930 14.906 14.897 14.863 14.840 14.377 13.401 13.339 13.431 13.472	14.930 14.905 14.894 14.859 14.835 14.370 13.393 13.329 13.420 13.460	33.223 33.211 33.208 33.205 33.201 33.112 32.961 32.958 32.958 32.987	24.618 24.614 24.615 24.619 24.622 24.736 24.747 24.775	24.618 24.658 24.703 24.752 24.799 24.873 25.003 25.058 25.106 25.175	24.618 24.614 24.618 24.621 24.650 24.735 24.745 24.749 24.773	331.1 331.8 332.1 331.9 331.9 329.4 321.5 320.7 320.7 318.6	.000 .331 .663 .996 1.327 1.659 1.983 2.304 2.625		1505.0 1505.1 1505.2 1505.2 1505.3 1503.9 1500.6 1500.6 1501.1	.0 1.7 6.6 14.9 26.4 41.3 59.5 80.8 105.3 133.1	-2.8 -2.2 3.3 -7 94.0 21.8 3.4 9.2 32.1
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.1	13.661 12.789 11.273 11.041 10.246 10.003 9.584 9.321 9.003 8.807	13.647 12.774 11.259 11.026 10.230 9.86 9.566 9.302 8.984 8.787	33.167 33.119 33.031 33.081 33.086 33.174 33.206 33.315 33.426	24.844 24.981 25.197 25.277 25.381 25.460 25.598 25.666 25.802 25.919	25.288 25.471 25.735 25.861 26.013 26.137 26.321 26.435 26.618 26.781	24.841 24.978 25.194 25.274 25.379 25.458 25.595 25.663 25.799 25.916	312.4 299.5 278.8 271.3 261.5 254.1 241.1 234.8 221.9 210.9	3.260 3.567 3.858 4.135 4.401 4.660 4.907 5.145 5.374 5.591	0000000000	1502.4 1499.6 1494.4 1493.8 1491.0 1499.1 1488.3 1487.5 1487.0	164.0 198.0 234.9 274.7 317.2 362.3 409.9 512.2 566.7	72.9 133.6 100.2 140.0 65.5 151.2 73.3 92.3 130.6 110.3
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.6 278.6 288.5	8.787 8.757 8.515 8.556 8.563 8.521 8.391 8.232 8.167 8.104	8.766 8.735 8.492 8.533 8.538 8.495 8.364 8.205 8.139 8.075	33.531 33.693 33.756 33.842 33.908 33.944 33.979 33.998 34.009 34.038	26.004 26.136 26.223 26.285 26.335 26.370 26.418 26.475 26.507	26.911 27.088 27.222 27.328 27.423 27.503 27.597 27.682 27.746 27.824	26.001 26.133 26.220 26.281 26.331 26.366 26.414 26.452 26.471 26.503	203.1 190.7 182.6 177.0 172.4 169.3 164.9 161.3 159.7	5.798 5.994 6.181 6.361 6.536 6.706 6.873 7.036 7.196 7.354	0000000000	1487.3 1487.5 1486.8 1487.3 1487.6 1487.6 1487.3 1486.9 1486.8	623.3 681.9 742.4 804.8 868.8 934.6 1002.1 1071.2 1141.9 1214.1	91.3 38.0 64.7 79.6 41.6 22.8 45.4 3.7 40.3 35.7
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	8.130 8.101 7.896 7.724 7.572 7.447 7.307 7.149 7.050 6.901	8.100 8.069 7.864 7.692 7.539 7.413 7.273 7.114 7.015 6.864	34.073 34.092 34.092 34.092 34.092 34.098 34.099 34.107 34.111	26.531 26.552 26.581 26.606 26.628 26.646 26.670 26.714 26.737	27.893 27.959 28.035 28.106 28.176 28.240 28.310 28.380 28.447 28.517	26.527 26.547 26.576 26.601 26.624 26.641 26.666 26.668 26.709 26.733	154.7 153.0 150.3 148.0 145.9 144.3 142.0 138.0 135.8	7.510 7.664 7.815 7.965 8.112 8.257 8.400 8.541 8.680 8.817	00000000000	1487.1 1487.2 1486.5 1486.0 1485.6 1484.9 1484.5 1484.3 1483.8	1287.9 1363.3 1440.1 1518.5 1598.3 1679.6 1762.2 1846.3 1931.8 2018.6	33.9 15.8 9.9 3.7 8.4 16.2 15.3 14.4 19.4 16.2
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1	6.765 6.593 6.5464 6.464 6.337 6.241 6.053 6.040 5.966	6.728 6.556 6.508 6.425 6.298 6.202 6.013 5.999 5.995 5.761	34.109 34.107 34.118 34.119 34.125 34.123 34.110 34.124 34.134 34.132	26.754 26.775 26.791 26.802 26.824 26.834 26.848 26.861 26.861 26.896	28.581 28.649 28.711 28.768 28.836 28.894 28.955 29.013 29.017 29.143	26.749 26.770 26.786 26.797 26.819 26.829 26.843 26.855 26.873 26.891	134.3 132.3 130.9 130.0 127.9 126.9 125.6 124.5 124.5	8.952 9.086 9.217 9.348 9.477 9.604 9.730 9.856 9.979	0000000000	1483.5 1482.9 1482.9 1482.8 1482.4 1482.2 1481.6 1481.7 1481.6	2106.8 2196.3 2287.1 2379.2 2472.6 2567.3 2663.2 2760.3 2858.7 2958.3	6.8 33.1 14.3 16.4 15.8 1.1 4.3 17.8 21.0 5.7
500.0 510.0 520.0 530.0 540.0 550.0 570.0 580.0 590.0	496.9 506.9 516.8 526.7 536.6 546.5 556.4 566.3 576.3 586.2	5.699 5.611 5.698 5.705 5.655 5.615 5.581 5.549 5.359	5.657 5.569 5.654 5.660 5.569 5.534 5.501 5.406 5.310	34.129 34.127 34.153 34.170 34.177 34.183 34.189 34.189 34.207 34.209	26.907 26.916 26.927 26.939 26.951 26.960 26.970 26.981 26.999 27.013	29.201 29.257 29.312 29.370 29.427 29.483 29.538 29.596 29.661 29.721	26.902 26.911 26.921 26.934 26.945 26.955 26.964 26.976 26.994 27.007	120.2 119.3 118.6 117.5 116.5 115.7 114.9 113.9 112.2 110.9	10.222 10.342 10.461 10.579 10.696 10.812 10.927 11.042 11.155 11.267	0000000000	1480.9 1480.7 1481.2 1481.4 1481.4 1481.4 1481.5 1481.3 1481.1	3059.1 3161.1 3264.2 3368.5 3474.0 3580.7 3688.4 3797.3 3907.4 4018.5	11.3 8.7 1.4 7.2 9.3 14.6 9.9 14.9 18.1
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0 690.0	596.1 606.0 615.9 625.8 635.7 645.7 655.6 665.5 675.4 685.3	5.294 5.134 5.045 4.975 4.888 4.906 4.898 4.854 4.833	5.244 5.085 4.995 4.924 4.837 4.854 4.845 4.801 4.779 4.653	34.211 34.201 34.204 34.212 34.218 34.230 34.248 34.261 34.277 34.271	27.021 27.032 27.045 27.059 27.074 27.081 27.097 27.112 27.127 27.137	29.777 29.836 29.895 29.956 30.018 30.071 30.132 30.194 30.254 30.312	27.016 27.027 27.039 27.054 27.068 27.075 27.091 27.106 27.121 27.131	110.1 109.0 107.8 106.4 105.1 104.5 103.2 101.8 100.4 99.4	11.377 11.486 11.595 11.702 11.807 11.912 12.016 12.119 12.220 12.320		1481.0 1480.5 1480.3 1480.1 1480.0 1480.2 1480.4 1480.4 1480.5 1480.1	4130.7 4244.1 4358.4 4473.9 4590.4 4707.9 4826.5 4946.0 5066.6 5188.2	20.7 15.4 22.1 13.3 12.4 4.2 21.8 9.2 16.8 26.2
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.648 4.606 4.579 4.545 4.519 4.479 4.426 4.373 4.320 4.307	4.593 4.551 4.523 4.489 4.462 4.422 4.367 4.314 4.260 4.247	34.274 34.282 34.294 34.302 34.307 34.312 34.313 34.319 34.328 34.332	27.146 27.156 27.169 27.179 27.186 27.194 27.201 27.211 27.224 27.229	30.368 30.425 30.483 30.540 30.593 30.647 30.701 30.758 30.818 30.868	27.139 27.150 27.163 27.173 27.180 27.188 27.195 27.205 27.218 27.223	98.6 97.6 96.5 95.6 95.0 94.6 92.7 91.5 91.1	12.418 12.517 12.614 12.710 12.805 12.900 12.994 13.087 13.179 13.270	.0000000000	1480.0 1480.1 1480.1 1480.2 1480.2 1480.1 1480.1 1480.1	5310.7 5434.2 5558.7 5684.1 5810.5 5937.8 6066.0 6195.1 6325.2 6456.1	6.3 8.6 15.4 3.9 11.6 6.0 9.2 4.5 3.9 8.9
800.0 810.0 820.0 830.0 840.0 850.0 870.0 880.0 890.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.285 4.270 4.284 4.250 4.212 4.191 4.166 4.140 4.110 4.099	4.224 4.208 4.222 4.187 4.148 4.126 4.101 4.074 4.043 4.031	34.341 34.349 34.361 34.367 34.376 34.385 34.390 34.395 34.404 34.408	27.238 27.247 27.255 27.263 27.274 27.284 27.291 27.297 27.308 27.312	30.924 30.978 31.031 31.086 31.144 31.200 31.252 31.305 31.362 31.412	27.232 27.240 27.248 27.257 27.267 27.278 27.284 27.291 27.301 27.305	90.3 89.6 88.9 88.2 87.2 86.3 85.8 85.2 84.2 83.9	13.361 13.451 13.540 13.629 13.717 13.803 13.889 13.975 14.059 14.144		1480.3 1480.4 1480.6 1480.7 1480.7 1480.8 1480.9 1480.9	6588.0 6720.7 6854.3 6988.8 7124.1 7260.3 7397.4 7535.3 7674.0 7813.5	6.0 7.5 4.8 15.7 6.9 13.6 10.7 12.8 3.7
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.8 942.7 952.6 962.5 972.3 982.3	4.075 4.056 4.033 4.018 3.955 3.922 3.910 3.880 3.829 3.812	4.007 3.987 3.964 3.948 3.885 3.852 3.838 3.808 3.756 3.738	34.411 34.425 34.427 34.429 34.429 34.431 34.434 34.436 34.436	27.317 27.322 27.328 27.335 27.343 27.347 27.350 27.355 27.362 27.368	31.463 31.514 31.566 31.619 31.675 31.725 31.773 31.825 31.879 31.931	27.310 27.315 27.321 27.328 27.336 27.340 27.343 27.348 27.355 27.361	83.4 83.1 82.5 81.9 81.1 80.8 80.6 80.1 79.4 78.9	14.227 14.311 14.393 14.475 14.557 14.638 14.718 14.799 14.878 14.958	.00000000000000000000000000000000000000	1481.1 1481.2 1481.3 1481.4 1481.3 1481.4 1481.5 1481.4 1481.5	7953.9 8095.1 8237.1 8380.0 8523.6 8668.0 8813.2 8959.2 9106.0 9253.5	9.9 8.1 7.8 2.0 2.5 2.0 12.5 4.3 2.6

Station	38	Latitude	32° 33.	82'N	Longitu	ide 127°	23.18'W	30	Apr 1991	GMT 20	:40	Bottom	4310 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn.Ht	LTR	sv		N ²
db	m	*c	·c	0/00	kg/m ³	kg/m ³	kg/m ³	108m3/kc	J/kg	0/0	m/s	m3/s2	10 ⁶ /s ²
1000.0	992.1	3.792	3.718	34.445	27.374	31.982							
1020.0	1011.9	3.743	3.668	34.446	27.379	32.080	27.366 27.372	78.4 78.0	15.036 15.193	.0	1481.6 1481.7	9401.9 9700.8	10.2
1040.0	1031.7	3.704	3.628	34.454	27,389	32,183	27.382	77.1	15.347	:ŏ	1481.9	10002.8	6.1
1060.0	1051.5	3.668	3.590	34.465	27.402	32.287	27.394	76.0	15.500	.ŏ	1482.1	10307.8	4.6
1080.0 1100.0	1071.2 1091.0	3.637	3.557	34.475	27.414	32.391	27.406	75.0	15.652	.0	1482.3	10615.8	2.0
1120.0	1110.8	3.602 3.565	3.521 3.483	34.479 34.483	27.420	32.489	27.412	74.5	15.801	.0	1482.5	10926.8	9.3
1140.0	1130.6	3.520	3.436	34.483	27.427 27.438	32.588	27.419	73.9	15.950	.0	1482.7	11240.6	3.2
1160.0	1150.3	3.478	3.394	34.496	27.446	32.692 32.792	27.430 27.437	72.9 72.2	16.097 16.242	٠,	1482.8	11557.4	5.9
1180.0	1170.1	3.447	3.361	34.498	27.451	32.889	27.442	71.8	16.386	.0	1483.0 1483.2	11877.0 12199.4	3.2 4.7
1200.0	1189.8	3.411	2 222								1403.2	12199.4	4 . /
1220.0	1209.6	3.368	3.323 3.279	34.503 34.508	27.458 27.466	32.988	27.450	71.2	16.529	.0	1483.4	12524.6	5.6
1240.0	1229.4	3.334	3.244	34.514	27.475	33.089 33.189	27.458 27.466	70.5 69.7	16.671	.0	1483.5	12852.6	5.9
1260.0	1249.1	3.285	3.194	34.516	27.481	33.288	27.472	69.2	16.811 16.950	.0	1483.7 1483.9	13183.4	1.5
1280.0	1268.9	3.256	3.164	34.524	27.490	33.389	27.481	68.4	17.087	:0	1484.1	13516.9 13853.1	3.0
1300.0	1288.6	3.200	3.107	34.527	27.498	33,489	27.489	67.6	17.224	.ŏ	1484.2	14191.9	6.8 5.9
1320.0 1340.0	1308.4	3.152	3.058	34.529	27.504	33.588	27.495	67.0	17.358	.ŏ	1484.3	14533.4	1.0
1360.0	1328.1 1347.9	3.118	3.022	34.532	27.509	33.685	27.500	66.6	17.492	.ŏ	1484.5	14877.5	5.4
1380.0	1367.6	3.074 3.034	2.977	34.536	27.517	33.785	27.508	65.9	17.625	.0	1484.6	15224.2	6.0
			2.935	34.538	27.522	33.883	27.513	65.4	17.756	.0	1484.8	15573.5	1.0
1400.0	1387.3	3.014	2.914	34.542	27.528	33.979	27.518	65.0	17.887	.0	1485.1	15925.3	2
1420.0	1407.1	2.954	2.853	34.544	27.534	34.079	27.525	64.3	18.016	.ŏ	1485.1	16279.7	1.9
1440.0 1460.0	1426.8 1446.6	2.933	2.831	34.548	27.540	34.176	27.531	63.8	18.144	.õ	1485.4	16636.6	-1.0
1480.0	1466.3	2.901 2.874	2.797 2.769	34.551	27.545	34.274	27.536	63.3	18.271	.0	1485.6	16995.9	2.5
1500.0	1486.0	2.817	2.711	34.553 34.558	27.549	34.370	27.540	63.0	18.398	.0	1485.8	17357.7	6.3
1520.0	1505.B	2.785	2.678	34.561	27.559 27.564	34.472	27.549	62.1	18.523	.0	1485.9	17722.0	4.9
1540.0	1525.5	2.747	2.639	34.565	27.570	34.569 34.667	27.554 27.561	61.6	18.647	.0	1486.1	18088.7	7.8
1560.0	1545.2	2.711	2.602	34.567	27.575	34.764	27.565	61.0 60.5	18.769 18.891	٠٥.	1486.3	18457.8	4.9
1580.0	1564.9	2.676	2.565	34.569	27.580	34.861	27.570	60.0	19.011	.0	1486.5 1486.6	18829.2 19203.0	4.6
1600.0	1584.7	2.635	2.523								-		1.4
1620.0	1604.4	2.601	2.523	34.572 34.574	27.586	34.960	27.576	59.4	19.130	.0	1486.8	19579.1	.5 2.6
1640.0	1624.1	2.571	2.456	34.575	27.590 27.594	35.056 35.152	27.581	59.0	19.249	.0	1487.0	19957.5	2.6
1660.0	1643.8	2.544	2.428	34.578	27.598	35.247	27.584 27.588	58.7 58.3	19.367	٠.٥	1487.2	20338.3	4.3
1680.0	1663.5	2.508	2.391	34.579	27.603	35.344	27.593	57.9	19.484 19.600	.0	1487.4 1487.6	20721.3 21106.5	2.8
1700.0	1683.2	2.478	2.359	34.580	27.606	35.439	27.596	57.5	19.715	.ŏ	1487.8	21494.0	2.3
1720.0	1702.9	2.447	2.328	34.584	27.612	35.537	27.602	56.9	19.829	.ŏ	1488.0	21883.7	3.2
1740.0 1760.0	1722.7 1742.4	2.417	2.296	34.586	27.616	35.633	27.606	56.6	19.943	.ō	1488.2	22275.7	2.9
1780.0	1762.1	2.392 2.368	2.270 2.245	34.590 34.591	27.621	35.729	27.611	56.1	20.055	.0	1488.4	22669.8	2.1
					27.625	35.825	27.615	55.8	20.167	.0	1488.7	23066.1	5.0
1800.0 1820.0	1781.8 1801.5	2.329	2.204	34.593	27.629	35.921	27.619	55.3	20.278	.0	1488.8	23464.5	3.3
1840.0	1821.2	2.289 2.282	2.163 2.154	34.597 34.599	27.636	36.020	27.625	54.6	20.388	.0	1489.0	23865.1	4.7
1860.0	1840.9	2.256	2.127	34.602	27.638 27.643	36.113 36.209	27.628 27.632	54.5	20.497	.0	1489.3	24267.8	2.7
1880.0	1860.6	2.256 2.232	2.102	34.604	27.647	36.304	27.632	54.0 53.7	20.606 20.713	٠.٥	1489.5	24672.6	3.6
1900.0	1880.3	2.213	2.082	34.608	27.651	36.400	27.641	53.2	20.713	.0	1489.8 1490.0	25079.5 25488.5	2.4
1920.0	1900.0	2.187	2.055	34.611	27.656	36.496	27.645	52.8	20.926	.ŏ	1490.3	25899.5	2.8 .1
1940.0	1919.7	2.171	2.037	34.613	27.659	36.590	27.648	52.6	21.032	.ŏ	1490.5	26312.6	:4
1960.0 1980.0	1939.3 1959.0	2.150 2.138	2.014	34.615	27.662	36.685	27.652	52.2	21.137	.0	1490.8	26727.7	3.4
			2.001	34.615	27.663	36.777	27.653	52.2	21.241	.0	1491.0	27144.8	1.6
2000.0	1978.7	2.114	1.976	34.618	27.668	36.872	27.657	51.7	21.345	.0	1491.3	27564.0	3.7
2050.0 2094.0	2027.9	2.071	1.929	34.623	27.675	37.107	27.664	51.1	21.602	.ŏ	1491.9	28620.5	4
2037.0	2071.2	2.031	1.886	34.626	27.681	37.314	27.670	50.5	21.825	.0	1492.5	29560.4	.ò

Station	39	Latitude	32° 20.	51'N	Longit	ude 127°	30.22'W	30	Apr 1991	GMT 23	:39	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.352 15.331 15.241 15.184 14.769 14.583 14.446 14.518 14.348	15.352 15.330 15.238 15.180 15.128 14.762 14.575 14.436 14.507 14.335	33.219 33.218 33.215 33.214 33.223 33.260 33.253 33.235 33.235 33.246	24.523 24.527 24.545 24.557 24.575 24.683 24.717 24.733 24.740 24.763	24.523 24.571 24.634 24.690 24.752 24.904 24.983 25.042 25.161	24.523 24.527 24.545 24.556 24.574 24.681 24.715 24.730 24.738 24.760	340.2 340.1 338.7 337.8 336.4 326.4 323.4 322.3 321.8 320.0	.000 .340 .680 1.018 1.355 1.687 2.012 2.334 2.657 2.978		1506.3 1506.4 1506.3 1506.3 1506.3 1505.3 1504.6 1504.6	1.7 6.8 15.2 27.1 42.2 60.6 82.3 107.1 135.2	.0 11.6 19.5 10.1 31.5 45.2 28.5 13.5 13.5
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.2	14.383 13.966 12.260 11.128 10.517 9.998 9.596 9.394 9.209 9.001	14.369 13.951 12.245 11.113 10.500 9.981 9.578 9.375 9.189 8.981	33.299 33.242 33.076 33.055 33.123 33.172 33.237 33.409 33.519 33.596	24.796 24.840 25.049 25.241 25.402 25.528 25.646 25.813 25.928 26.022	25.239 25.327 25.585 25.825 26.032 26.205 26.369 26.581 26.743 26.883	24.793 24.836 25.046 25.238 25.399 25.525 25.643 25.810 25.925 26.019	317.1 313.2 293.1 274.8 259.6 247.7 236.6 220.9 210.0 201.3	3.296 3.612 3.915 4.198 4.466 4.722 4.964 5.193 5.614	00000000000	1504.9 1503.7 1497.9 1494.1 1492.1 1490.5 1488.9 1488.9 1488.5	166.4 200.8 238.3 278.7 321.8 367.5 415.7 466.2 519.0 573.8	16.2 89.6 119.5 135.9 162.8 136.3 171.4 49.8 107.2 130.6
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.6 278.6 288.5	8.886 8.837 8.716 8.592 8.484 8.262 8.113 7.989 7.818 7.696	8.865 8.815 8.693 8.568 8.459 8.237 8.086 7.962 7.791 7.668	33.696 33.768 33.834 33.885 33.919 33.965 33.982 33.990 33.996 34.008	26.119 26.183 26.254 26.313 26.356 26.426 26.462 26.486 26.517 26.544	27.025 27.134 27.251 27.355 27.445 27.560 27.643 27.713 27.790 27.864	26.115 26.179 26.250 26.309 26.353 26.422 26.458 26.458 26.513 26.540	192.3 186.4 179.8 174.4 163.9 160.6 158.3 155.6 153.1	5.811 6.000 6.182 6.360 6.532 6.700 6.861 7.021 7.178 7.332	00000000000	1487.8 1487.9 1487.7 1487.5 1486.3 1486.3 1486.0 1485.5 1485.5	630.5 689.2 749.8 812.1 876.2 941.9 1009.3 1078.2 1148.7 1220.8	129.1 66.8 23.7 82.0 71.7 77.8 4.6 434.1 23.8
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	7.643 7.486 7.206 7.095 6.910 6.838 6.711 6.554 6.473	7.614 7.456 7.176 7.064 6.878 6.806 6.678 6.521 6.439 6.373	34.023 34.021 34.005 34.003 34.004 34.003 34.005 34.009	26.563 26.584 26.611 26.625 26.649 26.661 26.677 26.700 26.713 26.722	27.929 27.996 28.070 28.131 28.202 28.259 28.323 28.392 28.392 28.507	26.559 26.580 26.607 26.621 26.645 26.656 26.673 26.695 26.709 26.717	151.4 149.5 146.9 145.7 143.4 142.4 140.9 138.8 137.6 136.9	7.485 7.635 7.783 7.930 8.074 8.217 8.358 8.498 8.637 8.774	000000000	1485.2 1484.7 1483.8 1483.5 1482.9 1482.8 1482.5 1482.0 1481.9 1481.8	1294.4 1369.4 1446.0 1524.0 1603.5 1684.3 1766.6 1850.3 1935.3 2021.7	24.4 28.5 20.8 26.7 11.4 26.3 13.7 15.2 25.5
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 457.3 467.2 477.1	6.336 6.263 6.235 6.010 5.970 5.938 5.807 5.712 5.651 5.545	6.301 6.227 6.198 5.973 5.932 5.899 5.768 5.672 5.611 5.504	34.015 34.027 34.036 34.031 34.034 34.035 34.035 34.037 34.037	26.736 26.755 26.766 26.790 26.797 26.802 26.819 26.832 26.840 26.856	28.567 28.632 28.690 28.761 28.814 28.865 28.929 28.989 29.107	26.732 26.750 26.762 26.785 26.792 26.797 26.814 26.827 26.835 26.851	135.6 133.9 132.9 130.6 130.1 129.7 128.1 126.8 126.2 124.6	8.910 9.045 9.178 9.310 9.440 9.570 9.699 9.826 9.953 10.078	.00000000000000000000000000000000000000	1481.6 1481.5 1481.6 1480.8 1480.9 1480.9 1480.5 1480.3 1480.2 1480.0	2109.5 2198.6 2289.0 2380.7 2473.8 2568.1 2663.7 2760.5 2858.6 2958.0	26.0 23.6 30.7 25.1 .8 13.9 11.0 5.7 7.7 2.8
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.5 556.5 566.4 576.3 586.2	5.510 5.413 5.366 5.255 5.151 5.069 5.046 5.033 4.953 4.917	5.469 5.371 5.324 5.212 5.108 5.025 5.001 4.988 4.907 4.871	34.052 34.051 34.061 34.075 34.097 34.108 34.114 34.133 34.134 34.141	26.869 26.880 26.893 26.917 26.965 26.973 26.989 26.999 27.009	29.165 29.223 29.283 29.354 29.431 29.496 29.550 29.612 29.669 29.725	26.864 26.875 26.888 26.912 26.960 26.968 26.968 26.994 27.004	123.5 122.5 121.3 119.0 116.2 114.5 113.8 112.4 111.5 110.6	10.202 10.325 10.447 10.568 10.685 10.800 10.914 11.028 11.139 11.250	.00000000000000000000000000000000000000	1480.0 1479.8 1479.7 1479.5 1479.2 1479.1 1479.2 1479.3 1479.1 1479.2	3058.6 3160.4 3263.4 3367.6 3473.0 3579.5 3687.1 3795.9 3905.8 4016.8	6.9 13.0 22.1 45.5 7.1 22.9 14.1 32.9 1.5
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.8 645.7 655.6 665.5 675.4 685.3	4.867 4.840 4.816 4.764 4.681 4.663 4.636 4.624 4.598 4.571	4.820 4.793 4.767 4.714 4.631 4.613 4.585 4.572 4.546 4.517	34.151 34.161 34.174 34.183 34.189 34.198 34.205 34.216 34.235 34.246	27.023 27.034 27.047 27.060 27.074 27.083 27.091 27.102 27.120 27.132	29.785 29.842 29.901 29.960 30.022 30.076 30.131 30.187 30.251 30.309	27.017 27.029 27.042 27.054 27.069 27.077 27.086 27.096 27.114 27.126	104.0 103.2 102.4 100.7	11.360 11.469 11.577 11.684 11.789 11.893 11.997 12.100 12.201 12.302	0000000000	1479.1 1479.2 1479.3 1479.2 1479.1 1479.2 1479.2 1479.4 1479.4	4128.8 4242.0 4356.2 4471.5 4587.8 4705.1 4823.5 4942.9 5063.3 5184.7	8.3 5.9 15.6 8.6 10.0 7.7 21.2 3.3 28.5
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.554 4.551 4.545 4.521 4.514 4.491 4.441 4.393 4.352	4.500 4.496 4.489 4.464 4.457 4.433 4.383 4.354 4.333 4.292	34.256 34.263 34.292 34.306 34.314 34.314 34.324 34.336 34.339 34.345	27.141 27.148 27.171 27.185 27.188 27.195 27.208 27.221 27.225 27.235	30.365 30.417 30.486 30.546 30.595 30.648 30.767 30.817 30.873	27.135 27.142 27.165 27.179 27.182 27.188 27.202 27.215 27.219 27.228	98.3 96.2 95.0 94.8 94.3 93.0 91.9	12.401 12.500 12.597 12.692 12.787 12.882 12.976 13.068 13.160 13.251	00000000000	1479.6 1479.8 1480.0 1480.0 1480.2 1480.3 1480.2 1480.3	5307.0 5430.4 55554.7 5679.9 5806.1 5933.2 6061.3 6190.2 6320.1 6450.8	6.5 26.8 15.6 7.1 2 1.3 8.0 1.9 2.5
800.0 810.0 820.0 840.0 850.0 860.0 860.0 870.0 890.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.348 4.288 4.275 4.245 4.238 4.227 4.177 4.179 4.140 4.117	4.286 4.226 4.212 4.182 4.174 4.162 4.112 4.073 4.050	34.364 34.372 34.376 34.386 34.398 34.400 34.401 34.411 34.418 34.422	27.250 27.263 27.268 27.279 27.290 27.292 27.298 27.306 27.316 27.321	30.934 30.993 31.044 31.101 31.158 31.207 31.260 31.313 31.369 31.420	27.243 27.256 27.261 27.272 27.283 27.285 27.292 27.299 27.309 27.314	88.1 87.7 86.7 85.8 85.6 85.0 84.4 83.5	13.341 13.429 13.517 13.604 13.691 13.776 13.861 13.946 14.030 14.113	0000000000	1480.5 1480.6 1480.6 1480.8 1480.9 1480.9 1481.1 1481.1	6582.5 6715.0 6848.4 6982.6 7117.7 7253.7 7390.5 7528.1 7666.5 7805.8	18.9 1.9 9.2 4.0 2.2 7.5 2.2 2.8 9.0 1.4
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.111 4.082 4.066 4.046 4.026 3.992 3.974 3.955 3.913 3.889	4.043 4.013 3.997 3.975 3.955 3.921 3.902 3.882 3.840 3.815	34.422 34.427 34.429 34.431 34.434 34.439 34.445 34.445 34.450 34.450	27.322 27.329 27.337 27.340 27.348 27.355 27.359 27.365 27.371	31.467 31.520 31.569 31.620 31.670 31.724 31.776 31.826 31.880 31.931	27.315 27.322 27.325 27.329 27.333 27.341 27.347 27.351 27.358 27.363	82.5 82.2 81.9 81.5 80.8 80.3 80.0 79.3	14.197 14.280 14.362 14.444 14.526 14.607 14.687 14.768 14.768	0000000000	1481.3 1481.4 1481.5 1481.6 1481.6 1481.7 1481.8 1481.8	7945.9 8086.7 8228.5 8371.0 8514.3 8658.4 8803.3 8949.0 9095.5 9242.7	22.5 2.3 2.8 3.4 7.5 1.1 3.7 8.1

Station	39	Latitude	32° 20.	51'N	Longitu	de 127°	30.22'W	30	Apr 1991	GMT 23	:39	Bottom	4225 m
Pres. db	Depth	Temp.	Pot.T.	Sal	Sigma -0	Sigma-z	Sigma-t		Dyn.Ht	LTR	sv	m ³ /s ²	N ²
	m	•c	·c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	J/kg	0/0	m/s	m ³ /s ²	10 ⁶ /s ²
1000.0 1020.0	992.2 1011.9	3.876 3.833	3.802 3.757	34.457	27.375	31.981	27.367	78.5	15.005	.0	1482.0	9390.7	3.5
1040.0	1031.7	3.785	3.708	34.463 34.469	27.384 27.394	32.082 32.185	27.376 27.386	77.8 76.9	15.162	٠,٥	1482.1	9689.1	4.3
1060.0	1051.5	3.709	3.631	34.480	27.410	32.294	27.403	75.3	15.317 15.469	.0	1482.3 1482.3	9990.5 10294.9	9.9 8.7
1080.0	1071.3	3.673	3.593	34.484	27.417	32,393	27.409	74.8	15.619	.ŏ	1482.5	10602.3	2.3
1100.0 1120.0	1091.0 1110.8	3.606	3.525	34.490	27.428	32.497	27.420	73.7	15.768	.0	1482.5	10912.6	. 9
1140.0	1130.6	3.573 3.537	3.491 3.454	34.495 34.498	27.435 27.442	32.597 32.695	27.427 27.434	73.1	15.915	٠.0	1482.7	11225.7	1.7
1160.0	1150.3	3.490	3.405	34.503	27.450	32.796	27.434	72.6 71.8	16.060 16.205	.0	1482.9 1483.1	11541.8 11860.7	6 1.5
1180.0	1170.1	3.438	3.352	34.509	27.460	32.898	27.452	70.9	16.347	.ŏ	1483.2	12182.3	2.9
1200.0	1189.9	3.408	3.320	34.511	27.465	32.995	27.456	70.6	16.489	.0	1483.4	12506.8	4.7
1220.0 1240.0	1209.6 1229.4	3.360 3.331	3.271 3.241	34.515 34.518	27.473	33.095	27.465	69.8	16.629	.0	1483.5	12834.0	4.1
1260.0	1249.1	3.293	3.202	34.522	27.478 27.485	33.192 33.291	27.469 27.476	69.5 68.8	16.769 16.907	.0	1483.7 1483.9	13163.9	7.1
1280.0	1268.9	3.235	3.142	34.527	27.494	33.394	27.486	67.9	17.044	.0	1484.0	13496.6 13831.9	6.8 2.4
1300.0	1288.6	3.182	3.089	34.531	27.503	33.494	27.494	67.1	17.179	.ŏ	1484.1	14169.9	4.8
1320.0 1340.0	1308.4 1328.1	3.139 3.096	3.044 3.000	34.535 34.539	27.510	33.594	27.501	66.4	17.313	٠.0	1484.3	14510.5	5.1
1360.0	1347.9	3.056	2.959	34.539	27.517 27.524	33.694 33.793	27.509 27.515	65.8 65.2	17.445 17.576	٠,	1484.4	14853.7	3.3
1380.0	1367.6	3.022	2.924	34.545	27.529	33.889	27.520	64.8	17.706	.0	1484.6 1484.8	15199.5 15547.8	5 .7
1400.0	1387.4	2.989	2.889	34.548	27.534	33.987	27.525	64.3	17.835	.0	1485.0	15898.6	5.4
1420.0	1407.1	2.952	2.851	34.551	27.540	34.085	27.531	63.7	17.963	:0	1485.1	16252.0	3.4
1440.0	1426.8	2.907	2.805	34.554	27.547	34.184	27.538	63.1	18.090	.ŏ	1485.3	16607.8	2.5
1460.0 1480.0	1446.6 1466.3	2.881 2.865	2.778 2.760	34.556 34.557	27.550	34.279	27.541	62.8	18.216	.0	1485.5	16966.1	2.2
1500.0	1486.1	2.834	2.727	34.561	27.553 27.559	34.374 34.471	27.544 27.550	62.6 62.1	18.341 18.466	.0	1485.8 1486.0	17326.8	3.1
1520.0	1505.8	2.809	2.702	34.563	27.563	34.567	27.553	61.8	18.590	.0	1486.2	17689.9 18055.5	2.5 3.1
1540.0	1525.5	2.782	2.673	34.564	27.566	34.662	27.556	61.5	18.713	.ŏ	1486.4	18423.4	1.4
1560.0 1580.0	1545.2 1565.0	2.750 2.720	2.640	34.567	27.572	34.759	27.562	61.0	18.835	.0	1486.6	18793.8	.8
	-		2.609	34.570	27.577	34.856	27.567	60.5	18.957	.0	1486.8	19166.5	2.9
1600.0 1620.0	1584.7 1604.4	2.690 2.657	2.577 2.543	34.573 34.574	27.581 27.586	34.953 35.049	27.572 27.576	60.1	19.078	.0	1487.0	19541.6	2.6
1640.0	1624.1	2.625	2.510	34.577	27.591	35.146	27.581	59.7 59.2	19.198 19.316	.0	1487.2 1487.4	19919.0 20298.7	6 1.1
1660.0	1643.8	2.587	2.470	34.580	27.597	35.244	27.587	58.6	19.434	-0	1487.6	20680.8	4.7
1680.0	1663.6	2.576	2.458	34.582	27.599	35.337	27.589	58.5	19.551	.0	1487.9	21065.1	1.5
1700.0 1720.0	1683.3 1703.0	2.527 2.499	2.408 2.378	34.584 34.586	27.605 27.610	35.436	27.595	57.8	19.667	.0	1488.0	21451.6	6.4
1740.0	1722.7	2,446	2.325	34.588	27.615	35.532 35.631	27.600 27.605	57.4 56.8	19.783 19.897	.0 .0	1488.2 1488.3	21840.4 22231.5	4.7 2.7
1760.0	1742.4	2.423	2.300	34.590	27.619	35.725	27.608	56.5	20.010	.ŏ	1488.6	22624.7	3.3
1780.0	1762.1	2.397	2.273	34.593	27.623	35.821	27.613	56.0	20.122	.ŏ	1488.8	23020.1	2.4
1800.0	1781.8	2.366	2.240	34.595	27.628	35.918	27.617	55.6	20.234	.0	1489.0	23417.7	7.1
1820.0 1840.0	1801.5 1821.2	2.349 2.318	2.222	34.597 34.598	27.631	36.012	27.620	55.4	20.345	.0	1489.3	23817.4	4.2
1860.0	1840.9	2.302	2.173	34.600	27.634 27.637	36.107 36.201	27.624 27.627	55.0 54.7	20.455 20.565	٠٥.	1489.5 1489.7	24219.3	.1
1880.0	1860.6	2.282	2.151	34.602	27.641	36.296	27.630	54.4	20.675	.0	1490.0	24623.3 25029.5	5 3.0
1900.0	1880.3	2.255	2.123	34.604	27.645	36.391	27.634	54.1	20.783	.0	1490.2	25437.7	.1
1920.0 1940.0	1900.0 1919.7	2.235 2.214	2.102 2.079	34.605 34.608	27.647 27.651	36.486	27.637	53.8	20.891	.0	1490.5	25848.0	2.5
1960.0	1939.4	2,195	2.059	34.610	27.654	36.581 36.674	27.640 27.643	53.4 53.2	20.998 21.105	.0	1490.7 1491.0	26260.4 26674.9	1.3
1980.0	1959.1	2.180	2.042	34.612	27.657	36.768	27.646	52.9	21.211	:ŏ	1491.2	27091.4	7
2000.0	1978.7	2.162	2.023	34.614	27.660	36.862	27.649	52.7	21.317	.0	1491.5	27510.0	3.7
2050.0 2096.0	2027.9 2073.2	2.118	1.975	34.617	27.667	37.097	27.656	52.1	21.579	.0	1492.1	28565.3	.0
2030.0	4013.2	2.063	1.917	34.623	27.676	37.315	27.664	51.2	21.816	.0	1492.7	29547.3	.0

Station		Latitude	32. 06.		Longitu	ide 127°			Apr 1991	GMT :	2:40	Bottom	
Pres.	Depth m	Temp. °C	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.9 39.9 49.8 59.8 69.7 79.7	15.568 15.566 15.526 15.292 14.848 14.521 14.392 14.366 14.350	15.568 15.564 15.523 15.288 14.842 14.514 14.383 14.356 14.338 14.259	33.290 33.288 33.284 33.257 33.214 33.202 33.205 33.204 33.217 33.224	24.530 24.529 24.536 24.566 24.630 24.691 24.721 24.726 24.740 24.762	24.530 24.573 24.624 24.699 24.807 24.912 24.986 25.036 25.094 25.160	24.530 24.529 24.535 24.565 24.629 24.689 24.719 24.724 24.737 24.759	339.6 339.9 339.6 337.0 331.2 325.7 323.1 322.9 321.9 320.0	.000 .340 .679 1.018 1.352 1.680 2.004 2.327 2.650 2.971	00000000000	1507.1 1507.2 1507.3 1506.7 1505.4 1504.5 1504.3 1504.3	.0 1.7 6.8 15.2 27.0 42.1 60.5 82.1 106.9	.0 1.4 13.4 39.4 66.0 36.7 11.5 9.7 13.5 41.1
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.2	14.167 13.887 12.240 11.209 10.695 10.096 9.975 9.970 9.516 9.302	14.153 13.871 12.225 11.193 10.678 10.079 9.957 9.951 9.496 9.281	33.243 33.227 33.077 33.048 33.047 33.112 33.294 33.381 33.477 33.639	24.799 24.844 25.054 25.222 25.465 25.628 25.696 25.847 26.008	25.241 25.332 25.590 25.805 25.942 26.142 26.350 26.463 26.660 26.867	24.795 24.841 25.051 25.219 25.309 25.462 25.625 25.693 25.843 26.005	316.8 312.7 292.6 276.7 268.2 253.7 238.4 232.2 217.9 202.8	3.289 3.603 3.907 4.192 4.465 4.722 4.970 5.205 5.430 5.641	00000000000	1504.2 1503.4 1497.8 1494.4 1492.7 1490.8 1490.7 1491.0 1489.6 1489.2	166.0 200.3 237.7 278.1 321.1 366.8 415.7 518.6 573.6	48.7 48.3 136.7 64.8 277.0 53.2 59.6 99.1 169.9 53.4
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.239 9.063 9.007 8.834 8.666 8.613 8.489 8.364 8.252	9.218 9.040 8.983 8.809 8.641 8.587 8.462 8.337 8.224	33.638 33.671 33.754 33.840 33.910 33.938 33.961 33.975 33.985 33.995	26.017 26.072 26.145 26.240 26.321 26.352 26.389 26.419 26.444 26.476	26.922 27.022 27.141 27.282 27.408 27.485 27.568 27.568 27.715 27.773	26.014 26.068 26.142 26.236 26.317 26.348 26.385 26.415 26.440 26.471	202.1 197.0 190.2 181.4 173.8 171.1 167.7 164.9 162.7 159.8	5.843 6.042 6.234 6.419 6.596 6.768 6.938 7.104 7.268 7.430		1489.1 1488.6 1488.7 1488.3 1487.9 1487.9 1487.7 1487.4 1487.1 1486.7	630.7 689.8 750.8 813.7 878.3 944.7 1012.8 1082.6 1154.0 1227.0	43.7 81.7 99.6 107.5 46.6 25.2 51.5 16.4 48.9 17.2
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.920 7.800 7.573 7.360 7.261 7.142 7.001 6.940 6.804 6.722	7.890 7.770 7.542 7.329 7.229 7.109 6.967 6.966 6.769 6.687	33.999 34.001 34.002 34.002 34.006 34.006 34.008 34.010 34.014 34.016	26.504 26.524 26.557 26.587 26.603 26.621 26.642 26.652 26.674 26.687	27.868 27.933 28.013 28.091 28.153 28.217 28.285 28.341 28.409 28.469	26.500 26.519 26.552 26.583 26.598 26.617 26.637 26.647 26.669 26.682	157.1 155.4 152.3 149.4 148.1 146.4 144.5 143.6 143.6 140.5	7.588 7.744 7.898 8.050 8.198 8.346 8.491 8.635 8.777 8.918		1486.2 1485.9 1485.2 1484.3 1484.0 1483.6 1483.5 1483.2 1483.0	1301.6 1377.7 1455.4 1534.6 1615.2 1697.4 1780.9 1865.9 1965.9 1940.2	10.4 9.0 14.2 40.5 9.2 36.1 7.4 36.9 -1.7 14.6
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.8 407.7 417.6 427.5 437.5 447.4 457.3 467.2 477.1 487.0	6.512 6.418 6.366 6.303 6.147 5.943 5.802 5.682 5.682 5.501	6.476 6.381 6.329 6.265 6.109 5.905 5.764 5.642 5.582 5.460	34.022 34.025 34.026 34.028 34.034 34.034 34.033 34.033 34.042 34.050	26.719 26.734 26.745 26.751 26.775 26.802 26.816 26.833 26.847 26.868	28.548 28.609 28.663 28.719 28.791 28.865 28.926 28.990 29.051 29.119	26.714 26.729 26.737 26.746 26.771 26.797 26.811 26.828 26.842 26.863	137.4 136.0 135.4 134.6 132.2 129.7 128.3 126.7 125.4 123.4	9.057 9.194 9.329 9.464 9.597 9.728 9.857 9.985 10.111	0000000000	1482.4 1482.1 1482.1 1482.0 1481.6 1480.9 1480.5 1480.1 1479.8	2129.4 2220.0 2311.9 2405.1 2499.7 2595.6 2692.8 2791.2 2890.9 2991.8	18.1 6.1 10.5 18.1 4.3 12.8 18.0 14.2 20.0
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	497.0 506.9 516.8 526.7 536.6 546.5 566.4 576.3 586.2	5.440 5.382 5.351 5.272 5.178 5.102 5.044 4.991 4.873	5.399 5.340 5.309 5.228 5.135 5.058 4.999 4.945 4.901 4.826	34.059 34.069 34.080 34.090 34.108 34.118 34.127 34.133 34.144	26.883 26.898 26.910 26.928 26.945 26.961 26.976 26.990 27.000 27.017	29.180 29.241 29.300 29.364 29.428 29.491 29.553 29.669 29.733	26.878 26.893 26.905 26.923 26.940 26.956 26.971 26.985 26.994 27.011	122.1 120.8 119.7 118.1 116.5 114.9 113.5 112.3 111.4 109.8	10.358 10.479 10.600 10.719 10.835 10.951 11.066 11.178 11.290 11.401	00000000000	1479.7 1479.7 1479.7 1479.6 1479.4 1479.2 1479.2 1479.1 1479.1	3093.9 3197.3 3301.8 3407.5 3514.4 3622.4 3731.5 3841.8 3953.2 4065.7	8.6 13.3 10.1 19.1 7.7 10.6 16.2 10.3 23.8 24.4
600.0 610.0 620.0 630.0 640.0 650.0 660.0 680.0 690.0	596.1 606.0 616.0 625.9 635.8 645.7 655.6 665.5 675.4 685.3	4.784 4.722 4.702 4.660 4.616 4.579 4.538 4.538 4.506 4.507	4.737 4.675 4.654 4.611 4.566 4.529 4.487 4.487 4.454	34.159 34.165 34.172 34.186 34.198 34.208 34.222 34.241 34.254 34.267	27.038 27.050 27.058 27.074 27.088 27.100 27.116 27.131 27.131 27.145 27.155	29.802 29.860 29.913 29.976 30.037 30.095 30.157 30.218 30.278 30.334	27.033 27.045 27.052 27.068 27.083 27.095 27.110 27.125 27.139 27.149	107.8 106.7 106.1 104.6 103.3 102.2 100.8 99.5 98.2 97.3	11.509 11.616 11.723 11.828 11.932 12.035 12.136 12.237 12.335 12.433	00000000000	1478.8 1478.7 1478.8 1478.8 1478.8 1478.8 1478.8 1479.0 1479.1 1479.3	4179.2 4293.8 4409.5 4526.2 4644.0 4762.7 4882.5 5003.2 5125.0 5247.7	12.6 9.4 15.6 26.4 7.4 20.8 9.7 10.3 5.6 11.2
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 754.7 764.6 774.5 784.4	4.521 4.522 4.426 4.453 4.460 4.435 4.408 4.369 4.312 4.283	4.467 4.371 4.397 4.403 4.377 4.350 4.310 4.252 4.223	34.282 34.294 34.295 34.308 34.325 34.337 34.343 34.350 34.349	27.166 27.175 27.186 27.194 27.206 27.219 27.227 27.237 27.242 27.252	30.390 30.445 30.503 30.556 30.615 30.673 30.727 30.784 30.836 30.892	27.160 27.169 27.180 27.188 27.200 27.213 27.221 27.231 27.236 27.246	96.5 95.7 94.6 94.0 93.0 91.9 91.2 90.3 89.8 88.9	12.530 12.626 12.722 12.816 12.910 13.002 13.094 13.184 13.274 13.364	0000000000	1479.5 1479.7 1479.8 1480.0 1480.1 1480.1 1480.1 1480.0 1480.1	5371.3 5495.9 5621.5 5747.9 5875.3 6003.7 6132.9 6263.0 6394.0 6525.9	13.0 11.8 11.2 20.6 17.7 9.2 3.3 10.7 -2.2 14.8
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.3 804.2 814.1 824.0 833.8 853.7 863.6 873.5 883.3	4.248 4.195 4.177 4.160 4.144 4.128 4.105 4.085 4.053 4.022	4.187 4.134 4.115 4.097 4.080 4.064 4.041 4.020 3.987 3.955	34.366 34.371 34.377 34.384 34.392 34.398 34.405 34.407 34.412	27.262 27.270 27.274 27.281 27.288 27.296 27.303 27.311 27.316 27.323	30.948 31.002 31.053 31.105 31.159 31.213 31.266 31.320 31.371 31.425	27.256 27.263 27.267 27.274 27.281 27.290 27.297 27.304 27.309 27.316	88.0 87.3 87.0 86.4 85.8 85.0 84.4 83.7 83.3	13.452 13.540 13.627 13.714 13.800 13.885 13.970 14.054 14.137 14.221		1480.1 1480.2 1480.3 1480.4 1480.5 1480.6 1480.7 1480.7	6658.6 6792.3 6926.7 7062.1 7198.3 7335.3 7473.1 7611.8 7751.3 7891.7	8.3 8.3 3.1 8.0 8.6 10.1 5.4 3.7 5.1
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.3 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.007 3.986 3.982 3.951 3.919 3.891 3.868 3.846 3.822 3.806	3.940 3.918 3.913 3.881 3.849 3.820 3.797 3.774 3.749 3.733	34.419 34.424 34.431 34.437 34.440 34.448 34.452 34.455 34.455	27.330 27.336 27.337 27.346 27.354 27.359 27.368 27.373 27.378 27.378	31.478 31.530 31.576 31.632 31.686 31.738 31.792 31.844 31.895 31.944	27.323 27.329 27.330 27.339 27.347 27.352 27.361 27.366 27.371 27.374	78.8 78.3 77.9	14.303 14.385 14.467 14.548 14.628 14.708 14.787 14.866 14.944 15.021		1480.8 1480.9 1481.1 1481.2 1481.2 1481.3 1481.4 1481.4	8032.8 8174.7 8317.5 8461.0 8605.4 8750.5 8896.4 9043.0 9190.5 9338.7	1.3 5.7 3.7 8.7 5.2 13.4 8.1 7.8 7.8

Station	40	Latitude	32° 06.	31'N	Longitu	de 127°	37.79'W	30	Apr 1991	GMT	2:40	Bottom	4325 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma -0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m ³ /s ²	N ² 10 ⁶ /s ²
1000.0 1020.0 1040.0 1060.0 1100.0 1120.0 1140.0 1160.0 1180.0	992.2 1012.0 1031.7 1051.5 1071.3 1091.1 1110.8 1130.6 1150.4 1170.1	3.787 3.768 3.718 3.668 3.566 3.523 3.484 3.445 3.384	3.713 3.692 3.641 3.590 3.556 3.486 3.442 3.401 3.361 3.298	34.458 34.464 34.470 34.480 34.489 34.492 34.498 34.503 34.503 34.508	27.384 27.391 27.401 27.414 27.425 27.434 27.443 27.451 27.459 27.469	31.993 32.092 32.194 32.299 32.402 32.504 32.605 32.705 32.806 32.909	27.377 27.384 27.393 27.406 27.417 27.426 27.435 27.443 27.451 27.461	77.4 76.9 76.0 74.9 74.0 73.1 72.3 71.6 70.9 69.9	15.099 15.253 15.406 15.557 15.706 15.854 15.999 16.143 16.286 16.427	.00000000000000000000000000000000000000	1481.6 1481.9 1482.0 1482.3 1482.3 1482.4 1482.5 1482.7 1483.0	9487.6 9787.8 10091.0 10397.2 10706.3 11018.3 11333.2 11650.9 11971.4 12294.7	4.3 8.7 4.1 7.3 5.8 5.8 3.2 14.3
1200.0 1220.0 1240.0 1260.0 1280.0 1300.0 1320.0 1340.0 1360.0	1189.9 1209.7 1229.4 1249.2 1268.9 1288.7 1308.4 1328.2 1347.9 1367.7	3.344 3.323 3.260 3.228 3.187 3.145 3.109 3.064 3.018 2.967	3.258 3.235 3.171 3.137 3.095 3.052 3.015 2.968 2.921 2.869	34.517 34.518 34.521 34.526 34.528 34.532 34.535 34.535 34.539 34.549	27.475 27.479 27.487 27.494 27.500 27.507 27.513 27.520 27.529 27.537	33.007 33.102 33.204 33.302 33.401 33.500 33.598 33.698 33.698 33.799 33.900	27.467 27.470 27.479 27.485 27.492 27.504 27.512 27.520 27.528	69.4 69.2 68.4 67.8 67.2 66.6 66.1 65.4 64.6	16.566 16.705 16.842 16.978 17.113 17.247 17.379 17.511 17.641 17.769	000000000000000000000000000000000000000	1483.4 1483.4 1483.6 1483.8 1483.9 1484.1 1484.3	12620.7 12949.4 13280.8 13614.9 13951.6 14291.0 14632.9 14977.4 15324.5 15674.0	5.3 1.8 2.1 5.6 7.7 4.7 4.7
1400.0 1420.0 1440.0 1460.0 1500.0 1520.0 1540.0 1560.0 1580.0	1387.4 1407.1 1426.9 1446.6 1466.3 1486.8 1505.8 1525.6 1545.3 1565.0	2.938 2.907 2.868 2.839 2.814 2.768 2.723 2.663 2.663	2.839 2.807 2.767 2.736 2.710 2.662 2.616 2.589 2.554 2.534	34.550 34.553 34.555 34.557 34.559 34.563 34.567 34.570 34.573	27.541 27.546 27.551 27.555 27.559 27.567 27.574 27.578 27.584 27.586	33.996 34.190 34.286 34.382 34.482 34.581 34.677 34.775 34.869	27.532 27.537 27.542 27.546 27.550 27.558 27.564 27.569 27.574 27.577	63.5 63.0 62.6 62.2 61.8 61.1 60.4 60.0 59.5	17.896 18.023 18.149 18.274 18.397 18.520 18.642 18.762 18.762 18.882 19.001	00000000000	1484.7 1485.0 1485.1 1485.6 1485.7 1485.8 1486.3 1486.3	16026.1 16380.6 16737.6 17097.0 17458.9 17823.1 18189.8 18558.7 18930.0	3.6 1.6 3.7 3.4 3.1 4.5 4.3 -1.6
1600.0 1620.0 1640.0 1660.0 1700.0 1720.0 1740.0 1760.0 1780.0	1584.7 1604.4 1624.2 1643.9 1663.6 1683.3 1703.0 1722.7 1742.4 1762.1	2.619 2.587 2.554 2.524 2.497 2.465 2.441 2.408 2.390 2.365	2.507 2.474 2.440 2.408 2.380 2.347 2.321 2.287 2.268 2.242	34.576 34.581 34.583 34.586 34.589 34.590 34.594 34.595 34.595	27.590 27.595 27.600 27.605 27.609 27.614 27.618 27.623 27.625 27.629	34.965 35.061 35.158 35.255 35.350 35.448 35.543 35.640 35.734 35.829	27.581 27.585 27.590 27.595 27.599 27.604 27.608 27.613 27.615 27.619	59.0 58.1 57.6 57.2 56.7 55.7 55.7	19.119 19.237 19.353 19.469 19.584 19.698 19.811 19.923 20.035 20.146	00000000000	1486.7 1486.9 1487.1 1487.6 1487.8 1488.0 1488.2 1488.4	19679.6 20057.8 20438.3 20821.0 21206.0 21593.1 21982.5 22374.1 22767.8 23163.7	6.1 4.3 2.0 3.2 1.4 1.2 4.1 3.8 1.2
1800.0 1820.0 1840.0 1860.0 1900.0 1920.0 1940.0 1960.0 1980.0	1781.8 1801.6 1821.3 1840.9 1860.6 1880.3 1900.0 1919.7 1939.4 1959.1	2.352 2.327 2.294 2.274 2.246 2.235 2.214 2.198 2.185 2.155	2.227 2.201 2.167 2.145 2.116 2.103 2.080 2.064 2.049 2.017	34.598 34.601 34.603 34.606 34.608 34.609 34.611 34.612 34.613 34.616	27.632 27.636 27.640 27.645 27.648 27.650 27.653 27.656 27.658 27.663	35.922 36.018 36.114 36.210 36.305 36.398 36.492 36.586 36.679 36.775	27.621 27.625 27.630 27.634 27.638 27.639 27.642 27.645 27.647 27.652	55.2 54.8 54.3 53.9 53.6 53.5 53.0 53.2 52.8	20.256 20.366 20.475 20.583 20.691 20.798 20.905 21.011 21.117 21.222	00000000000	1488.9 1489.2 1489.4 1489.6 1489.8 1490.1 1490.4 1490.6 1490.9	23561.7 23961.9 24364.2 24768.6 25175.1 25583.6 25994.2 26402.9 26821.6 27238.4	4.2 2.1 2.1 6.0 1.3 2.5 1.0 3.4
2000.0 2050.0 2094.0	1978.8 2028.0 2071.3	2.134 2.091 2.041	1.995 1.949 1.896	34.619 34.622 34.625	27.667 27.673 27.680	36.870 37.103 37.311	27.656 27.661 27.669	51.9 51.4 50.7	21.326 21.584 21.809	.0 .0	1491.4 1492.0 1492.6	27657.1 28712.8 29652.1	-1.9 9 .0

Station	41	Latitude	31. 52.	42'N	Longit	ade 127°	43.30'W	30	Apr 1991	GMT 5	:31	Bottom	4385 m
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma -0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.9 49.8 59.8 69.7 79.7	15.321 15.326 15.333 15.546 15.597 15.607 15.501 15.644 15.852	15.321 15.325 15.330 15.329 15.540 15.598 15.598 15.632 15.632	33.241 33.243 33.244 33.267 33.513 33.561 33.573 33.586 33.638 33.713	24.547 24.547 24.565 24.708 24.734 24.775 24.775 24.784 24.795	24.547 24.591 24.636 24.697 24.884 25.006 25.084 25.135 25.191	24.547 24.547 24.564 24.706 24.732 24.740 24.773 24.781 24.792	337.9 338.2 338.5 337.1 323.8 321.7 321.3 318.3 317.9 317.1	.000 .338 .676 1.015 1.345 1.668 1.989 2.309 2.627 2.945	0000000000	1506.3 1506.4 1506.6 1506.8 1507.9 1508.3 1508.5 1508.4 1509.1 1510.0	.0 1.7 6.7 15.2 26.9 41.9 60.2 81.6 106.2 133.9	.0 3.4 2.8 60.2 42.1 2.9 18.2 19.3 4.1 21.2
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.2	15.838 15.648 14.456 14.099 12.675 12.401 11.451 10.904 9.978 9.882	15.822 15.631 14.438 14.080 12.656 12.382 11.431 10.883 9.957 9.861	33.739 33.761 33.657 33.652 33.531 33.498 33.548 33.548 33.543 33.544	24.819 24.878 25.058 25.130 25.323 25.3568 25.568 25.652 25.822 25.839	25.258 25.362 25.589 25.705 25.946 26.020 26.284 26.633 26.696	24.816 24.874 25.055 25.126 25.319 25.347 25.564 25.818 25.835	315.2 309.9 292.8 286.2 267.7 265.3 244.6 236.7 220.5 219.0	3.261 3.573 3.876 4.167 4.445 4.711 4.972 5.213 5.438 5.658	0000000000	1510.1 1509.7 1505.9 1504.9 1500.2 1499.4 1496.3 1494.5 1491.4 1491.2	164.8 198.8 235.9 276.0 318.8 364.4 412.6 463.2 516.2 571.4	18.5 48.4 97.4 117.5 165.0 22.9 421.8 224.7 11.3 23.0
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.597 9.456 9.285 9.033 8.955 8.630 8.486 8.267 8.167 8.041	9.575 9.433 9.261 9.008 8.929 8.604 8.460 8.240 8.138 8.012	33.635 33.683 33.724 33.828 33.842 33.917 33.980 33.980 33.980 33.993	25.957 26.018 26.077 26.200 26.223 26.333 26.404 26.437 26.462 26.484	26.860 26.966 27.072 27.240 27.309 27.466 27.583 27.663 27.734 27.802	25.954 26.014 26.074 26.196 26.219 26.329 26.400 26.433 26.458 26.480	207.9 202.3 196.8 185.3 183.2 172.9 166.2 163.2 160.9 158.9	5.874 6.078 6.279 6.470 6.654 6.831 7.000 7.326 7.326	00000000000	1490.4 1490.1 1489.7 1489.1 1488.9 1488.0 1487.7 1487.0 1486.8 1486.5	628.7 688.1 749.6 812.9 878.1 945.1 1013.9 1084.2 1156.2 1229.8	238.8 10.4 143.9 89.1 142.1 75.3 20.8 43.6 19.3 11.6
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.3 338.2 348.1 358.1 368.0 377.9 387.8	7.841 7.668 7.490 7.307 7.107 7.037 6.869 6.751 6.639 6.510	7.811 7.638 7.459 7.276 7.075 7.004 6.836 6.717 6.604 6.475	33.998 33.998 34.000 34.007 34.002 34.002 34.004 34.005 34.007	26.515 26.540 26.567 26.599 26.625 26.632 26.655 26.672 26.689 26.707	27.879 27.950 28.024 28.103 28.176 28.229 28.299 28.363 28.426 28.491	26.511 26.535 26.563 26.594 26.620 26.628 26.650 26.668 26.668 26.702	156.1 153.8 151.3 148.3 145.9 145.2 143.1 140.0 138.3	7.643 7.799 7.951 8.101 8.248 8.394 8.538 8.680 8.820 8.959	0000000000	1485.9 1485.4 1484.9 1484.3 1483.7 1483.6 1483.1 1482.8 1482.5 1482.2	1304.9 1381.6 1459.8 1539.5 1620.7 1703.3 1787.3 1872.8 1959.6 2047.9	20.4 31.5 21.5 38.4 9.1 14.7 14.1 16.7 21.1
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0 490.0	397.8 407.7 417.6 427.5 437.5 447.4 457.3 467.2 477.1 487.1	6.418 6.281 6.179 6.075 5.957 5.857 5.704 5.601 5.538 5.441	6.383 6.245 6.143 6.038 5.919 5.819 5.665 5.562 5.498 5.401	34.009 34.014 34.022 34.022 34.029 34.034 34.034 34.050 34.056	26.721 26.743 26.762 26.775 26.794 26.808 26.831 26.849 26.864 26.880	28.551 28.619 28.686 28.746 28.811 28.872 28.942 28.942 29.007 29.069 29.132	26.716 26.738 26.757 26.770 26.789 26.804 26.826 26.844 26.859 26.875	137.1 135.1 133.3 132.1 130.3 129.0 126.8 125.1 123.8 122.3	9.097 9.233 9.367 9.500 9.631 9.760 9.888 10.014 10.139	0000000000	1482.0 1481.6 1481.4 1481.1 1480.8 1480.6 1480.1 1479.9 1479.8 1479.6	2137.5 2228.5 2320.8 2414.4 2509.3 2605.5 2703.0 2801.7 2901.7 3002.9	18.4 27.4 15.4 18.3 9.5 14.8 17.7 13.3 17.7
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.7 546.5 556.5 566.4 576.3 586.2	5.396 5.345 5.235 5.137 5.040 4.987 4.928 4.834 4.798 4.753	5.355 5.303 5.193 5.094 4.997 4.943 4.789 4.7752 4.707	34.069 34.078 34.096 34.101 34.114 34.122 34.134 34.150 34.159	26.896 26.909 26.936 26.952 26.970 26.980 26.992 27.013 27.029 27.041	29.194 29.253 29.327 29.390 29.455 29.511 29.571 29.571 29.701 29.759	26.891 26.904 26.931 26.947 26.965 26.975 26.987 27.008 27.024 27.036	120.8 119.6 117.1 115.6 113.9 113.0 111.9 109.9 108.4 107.3	10.384 10.504 10.622 10.738 10.853 10.966 11.079 11.190 11.299 11.407	00000000000	1479.6 1479.5 1479.3 1479.0 1478.8 1478.7 1478.5 1478.5 1478.5	3105.2 3208.8 3313.6 3419.5 3526.6 3634.7 3744.0 3854.4 3965.9 4078.5	22.1 34.6 16.5 11.5 14.4 6.5 13.2 16.1 12.0 7.1
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0 690.0	596.1 606.0 616.0 625.9 635.8 645.7 655.6 665.5 675.4 685.3	4.740 4.693 4.660 4.642 4.619 4.593 4.569 4.548 4.487 4.486	4.693 4.646 4.612 4.594 4.569 4.518 4.496 4.435 4.414	34.163 34.181 34.195 34.205 34.212 34.222 34.228 34.233 34.247 34.257	27.046 27.066 27.081 27.090 27.110 27.117 27.124 27.142 27.151	29.810 29.876 29.938 29.993 30.048 30.105 30.158 30.211 30.275 30.331	27.041 27.060 27.076 27.085 27.094 27.105 27.112 27.118 27.136 27.146	107.0 105.2 103.8 103.0 102.3 101.3 100.7 100.1 98.5 97.6	11.514 11.620 11.724 11.828 11.931 12.032 12.133 12.233 12.333 12.431	00000000000	1478.6 1478.6 1478.7 1478.8 1478.9 1479.0 1479.1 1479.0 1479.1	4192.1 4306.7 4422.4 4539.1 4656.9 4775.6 4895.3 5016.1 5137.8 5260.4	11.5 17.9 7.7 9.4 11.2 14.4 11.8 8.0 13.8 3.3
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 725.0 734.9 734.7 764.6 774.5 784.4	4.431 4.391 4.348 4.320 4.256 4.232 4.209 4.179 4.144 4.118	4.378 4.337 4.293 4.265 4.200 4.176 4.152 4.121 4.086 4.059	34.262 34.268 34.275 34.284 34.287 34.299 34.306 34.319 34.329	27.160 27.168 27.179 27.189 27.198 27.205 27.213 27.221 27.236 27.247	30.386 30.441 30.498 30.554 30.610 30.663 30.717 30.772 30.832 30.890	27.154 27.163 27.173 27.183 27.192 27.199 27.207 27.215 27.229 27.240	96.9 96.1 95.1 94.3 93.4 92.8 92.1 91.3 90.1 89.1	12.528 12.624 12.720 12.815 12.909 13.002 13.094 13.186 13.276 13.366	0000000000	1479.1 1479.1 1479.1 1479.2 1479.1 1479.2 1479.3 1479.3	5384.1 5508.7 5634.2 5760.7 5888.1 6016.4 6145.6 6275.7 6406.8 6538.7	21.4 .7 16.5 7.1 5.3 20.6 10.9 8.0 12.7 8.3
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.3 804.2 814.1 824.0 833.9 843.7 863.6 873.5 883.4	4.088 4.078 4.057 4.043 4.000 4.000 3.976 3.967 3.918 3.898	4.028 4.017 3.996 3.981 3.938 3.937 3.912 3.903 3.852 3.832	34.339 34.344 34.352 34.358 34.369 34.372 34.380 34.381 34.387 34.387	27.258 27.263 27.271 27.277 27.291 27.293 27.302 27.303 27.314 27.319	30.947 30.998 31.053 31.105 31.164 31.212 31.268 31.315 31.372 31.424	27.251 27.257 27.265 27.271 27.284 27.286 27.295 27.297 27.307 27.313	88.1 87.7 86.9 86.4 85.2 85.1 84.3 84.2 83.2	13.455 13.543 13.630 13.717 13.802 13.972 14.056 14.140 14.223	0000000000	1479.4 1479.6 1479.6 1479.8 1479.9 1480.0 1480.1 1480.1 1480.2	6671.4 6805.1 6939.6 7075.0 7211.2 7348.2 7486.1 7624.8 7764.4 7904.7	13.0 9.2 9.8 9.2 13.0 2.7 1.9 21.8 11.5
900.0 910.0 920.0 930.0 940.0 950.0 960.0 980.0 990.0	893.3 903.2 913.1 923.0 932.8 942.7 952.6 962.5 972.4 982.3	3.867 3.849 3.805 3.761 3.747 3.729 3.723 3.727	3.800 3.782 3.737 3.732 3.692 3.659 3.659 3.655 3.655	34.403 34.408 34.414 34.429 34.429 34.429 34.431 34.446 34.450 34.455	27.331 27.337 27.347 27.352 27.357 27.365 27.368 27.378 27.384 27.388	31.482 31.534 31.590 31.641 31.693 31.747 31.797 31.851 31.903 31.953	27.325 27.331 27.340 27.345 27.351 27.358 27.362 27.371 27.377 27.381	81.7 81.1 80.3 79.9 79.3 78.7 78.4 77.7 77.1 76.8	14.305 14.386 14.467 14.547 14.627 14.706 14.784 14.862 14.940 15.017	0000000000	1480.2 1480.3 1480.3 1480.5 1480.5 1480.6 1480.7 1481.0 1481.0	8045.9 8187.8 8330.6 8474.1 8618.5 8763.6 8909.4 9056.1 9203.5 9351.6	1.9 8.0 1.9 3.1 5.4 2.5 11.6 4.9

Station	41	Latitude	31. 52.	42'N	Longitu	de 127°	43.30'W	30	Apr 1991	GMT	5:31	Bottom	4385 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t		Dyn.Ht	LTR	sv	TF m ³ /s ²	N ²
ďb	m	°c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	J/kg	0/0	m/s	m ³ /s ²	10 ⁶ /s ²
1000.0	992.2	3.699	3.626	34.461	27.395	32.006	27.388	76.2	15.093	.0	1481.2	9500.5	5.2
1020.0 1040.0	1012.0 1031.8	3.655 3.617	3.580 3.541	34.467 34.472	27.404 27.412	32.108 32.208	27.397	75.4	15.244	-0		9800.6	2.0
1060.0	1051.5	3.549	3.471	34,479	27.425	32.208	27.405 27.417	74.7 73.6	15.394 15.543	.0	1481.6 1481.6	10103.6 10409.5	7.2 2.6
1080.0	1071.3	3.540	3.462	34.485	27.430	32.410	27.423	73.2	15.689	.ŏ	1481.9	10718.3	2.9
1100.0 1120.0	1091.1 1110.8	3.508 3.463	3.428 3.382	34.491 34.494	27.439	32.511	27.431	72.5	15.835	.0	1482.1	11030.0	3.5
1140.0	1130.6	3.410	3.328	34.494	27.445 27.456	32.610 32.714	27.437 27.449	71.9 70.9	15.980 16.123	.0	1482.3 1482.4	11344.5 11661.8	4.6 7.6
1160.0	1150.4	3.387	3.303	34.503	27.460	32.809	27.452	70.6	16.264	.ŏ		11981.9	2.9
1180.0	1170.2	3.335	3.250	34.507	27.469	32.910	27.461	69.8	16.404	.0		12304.7	3.5
1200.0	1189.9	3.306	3.220	34.510	27.474	33.007	27.465	69.5	16.544	.0		12630.3	2.3 7.3
1220.0 1240.0	1209.7 1229.4	3.259 3.205	3.172 3.116	34.513 34.518	27.481 27.489	33.106 33.208	27.472 27.481	68.8	16.682 16.819	.0	1483.1	12958.6	7.3
1260.0	1249.2	3.166	3.076	34.520	27.495	33.208	27.481	68.0 67.5	16.955	.0	1483.2 1483.4	13289.5 13623.2	1.8 3.2
1280.0	1268.9	3,121	3.030	34.524	27.502	33.405	27.494	66.8	17.089	.0	1483.5	13959.4	6.8
1300.0 1320.0	1288.7	3.079	2.987	34.529	27.510	33.506	27.502	66.1	17.222	.0	1483.7	14298.3	2.4
1340.0	1308.4 1328.2	3.047 3.017	2.954 2.922	34.532 34.535	27.516 27.521	33.603 33.701	27.507 27.513	65.6 65.1	17.354 17.485	.0	1483.9	14639.7	6.2 7.7
1360.0	1347.9	2.988	2.892	34.539	27.527	33.798	27.518	64.7	17.615	.0	1484.1 1484.3	14983.8 15330.3	3.0
1380.0	1367.7	2.946	2.849	34.543	27.534	33.898	27.525	64.0	17.743	.ŏ	1484.4	15679.4	4.5
1400.0	1387.4	2.928	2.829	34.545	27.537	33.993	27.528	63.8	17.871	.0	1484.7	16030.9	3.6
1420.0 1440.0	1407.2 1426.9	2.885 2.870	2.785 2.769	34.550	27.545	34.093	27.536	63.0	17.998	.0	1484.9	16385.0	. 4
1460.0	1446.7	2.852	2.749	34.550 34.553	27.547 27.551	34.186 34.281	27.538 27.542	62.9 62.6	18.124 18.250	.0	1485.1 1485.4	16741.5 17100.4	8 9.8
1480.0	1466.4	2.809	2.705	34.556	27.558	34.380	27.548	62.0	18.374	.ŏ	1485.5	17461.8	2.8
1500.0	1486.1	2.789	2.684	34.558	27.560	34.475	27.551	61.8	18.498	.õ	1485.8	17825.6	3.1
1520.0 1540.0	1505.8 1525.6	2.743 2.710	2.636	34.562	27.568	34.575	27.559	61.0	18,621	.0	1485.9	18191.8	1.1
1560.0	1545.3	2.682	2.602 2.573	34.565 34.567	27.573 27.578	34.672 34.768	27.564 27.568	60.5 60.1	18.742 18.863	.0	1486.1 1486.3	18560.4 18931.3	1.1 5.2
1580.0	1565.0	2.640	2.530	34.571	27.585	34.868	27.575	59.5	18.982	:ŏ	1486.5	19304.6	2.8
1600.0	1584.8	2.616	2.504	34.575	27.590	34.964	27.580	59.0	19.101	.0	1486.7	19680.1	2.3
1620.0 1640.0	1604.5	2.590	2.477	34.578	27.594	35.061	27.585	58.6	19.218	.0	1486.9	20058.0	2.3
1660.0	1624.2 1643.9	2.556 2.535	2.442 2.420	34.582 34.584	27.601 27.604	35.158 35.254	27.591 27.594	58.0 57.7	19.335 19.451	-0	1487.1	20438.1	-1.5
1680.0	1663.6	2.510	2.393	34.587	27.608	35.349	27.598	57.3	19.566	.0	1487.4 1487.6	20820.5 21205.1	4.7 1.2
1700.0	1683.3	2.480	2.362	34.589	27.613	35.446	27.603	56.9	19.680	.ŏ	1487.8	21591.9	5.9
1720.0 1740.0	1703.1 1722.8	2.442 2.420	2.323 2.299	34.592 34.594	27.619 27.622	35.544 35.639	27.608	56.3	19.793	.0	1488.0	21981.0	2.3
1760.0	1742.5	2.389	2.267	34.597	27.627	35.736	27.612 27.617	56.0 55.5	19.905 20.017	.0	1488.2 1488.4	22372.2 22765.6	3.8 -2.3
1780.0	1762.2	2.363	2.240	34.599	27.631	35.831	27.621	55.1	20.128	.ŏ	1488.7	23161.1	5.0
1800.0	1781.9	2.344	2.219	34.600	27.634	35.925	27.624	54.9	20,238	.0	1488.9	23558.8	5.9
1820.0 1840.0	1801.6 1821.3	2.318	2.192 2.173	34.603	27.639	36.021	27.628	54.5	20.347	.0	1489.1	23958.6	.7
1860.0	1841.0	2.290	2.161	34.605 34.605	27.642 27.643	36.116 36.207	27.631 27.632	54.2 54.2	20.456	.0	1489.4 1489.7	24360.5	.4
1880.0	1860.7	2.269	2.139	34.607	27.646	36.302	27.635	53.9	20.563	.0	1489.9	24764.6 25170.7	.1 4.8
1900.0	1880.4	2.251	2.119	34.610	27.649	36.396	27.639	53.6	20.780	.ŏ	1490.2	25578.9	3.4
1920.0 1940.0	1900.1 1919.8	2.227	2.093	34.611	27.653	36.491	27.642	53.3	20.887	.0	1490.4	25989.1	2.2
1960.0	1939.4	2.172	2.071 2.036	34.614 34.616	27.656 27.662	36.586 36.683	27.646 27.650	52.9 52.4	20.993 21.098	.0	1490.7 1490.9	26401.5 26815.8	1.9 4.0
1980.0	1959.1	2.153	2.016	34.618	27.664	36.777	27.653	52.2	21.203	.ŏ	1491.1	27232.2	1.4
2000.0	1978.8	2.136	1.998	34.619	27.667	36.870	27.656	51.9	21.307	.0	1491.4	27650.6	2.5
2050.0 2096.0	2028.0 2073.3	2.102	1.960	34.622	27.672	37.102	27.661	51.5	21.565	.0	1492.1	28705.4	2.9
2030.0	2013.3	2.061	1.916	34.625	27.678	37.318	27.667	51.0	21.801	.0	1492.7	29686.8	.0

Station	42	Latitude	31° 47.	22'N	Longit	ude 127°	29.09'W	01	May 1991	GMT 8	1:25	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma -0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.9 49.8 59.8 69.7 79.7	15.253 15.264 15.265 15.240 15.038 14.844 14.933 14.862 14.934 15.186	15.253 15.263 15.262 15.235 15.032 14.837 14.852 14.924 14.852 14.922	33.205 33.207 33.209 33.234 33.283 33.388 33.338 33.336 33.371 33.478	24.534 24.535 24.560 24.642 24.688 24.708 24.714 24.734	24.534 24.578 24.623 24.692 24.819 24.909 24.972 25.024 25.087 25.158	24.534 24.533 24.535 24.559 24.641 24.706 24.712 24.731 24.759	339.1 339.5 339.6 337.6 330.1 325.9 324.4 324.0 322.5 320.2	.000 .339 .679 1.018 1.353 1.680 2.005 2.329 2.652 2.974	0000000000	1506.0 1506.2 1506.4 1506.5 1506.1 1505.6 1506.1 1506.0 1506.5 1507.6	1.7 6.8 15.2 27.0 42.1 60.5 82.1 106.9	-1.6 -1.6 90.9 118.1 31.8 1.3 1.3 16.0 31.9
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.2	15.182 14.500 14.231 13.012 12.043 11.972 11.600 10.792 10.004 9.887	15.167 14.483 14.214 12.994 12.025 11.953 11.580 10.771 9.984 9.866	33.498 33.386 33.480 33.345 33.466 33.484 33.479 33.458 33.496	24.779 24.840 24.969 25.112 25.270 25.407 25.491 25.632 25.751 25.800	25.220 25.326 25.500 25.691 25.896 26.206 26.396 26.563 26.657	24.776 24.836 24.965 25.109 25.267 25.403 25.487 25.628 25.748 25.797	318.9 313.3 301.2 287.5 272.5 259.8 252.0 238.5 227.1 222.7	3.293 3.610 3.918 4.212 4.493 4.759 5.017 5.261 5.494 5.719		1507.8 1505.6 1505.0 1501.0 1497.8 1496.8 1496.8 1494.1 1491.4	166.1 200.5 238.0 278.4 321.8 367.8 416.5 467.6 521.1 576.8	17.2 81.2 146.5 23.3 100.7 77.3 269.0 130.1 39.7 44.1
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.8 268.7 278.6 288.5	9.489 9.519 9.122 8.845 8.660 8.596 8.432 8.096 7.896	9.467 9.496 9.099 8.821 8.635 8.570 8.405 8.263 8.068 7.867	33.566 33.667 33.694 33.744 33.833 33.917 33.944 33.979 34.001 34.016	25.921 25.995 26.080 26.163 26.262 26.338 26.433 26.479 26.521	26.824 26.943 27.075 27.205 27.350 27.471 27.564 27.658 27.751 27.840	25.917 25.991 26.076 26.160 26.258 26.334 26.380 26.429 26.475 26.517	211.3 204.5 196.4 188.6 179.4 172.4 168.1 163.6 159.3 155.3	5.938 6.147 6.348 6.540 6.724 6.901 7.071 7.236 7.398 7.555		1489.9 1490.3 1489.1 1488.2 1487.8 1487.9 1487.4 1487.1 1486.5 1486.0	634.8 694.9 757.0 821.0 887.0 954.7 1024.1 1095.1 1167.8 1242.1	153.8 59.9 130.1 75.3 109.2 106.3 67.9 43.3 46.5 12.2
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.4 328.3 338.2 348.1 358.1 368.0 377.9 387.9	7.689 7.507 7.404 7.321 7.212 6.976 6.911 6.771 6.640 6.558	7.660 7.477 7.373 7.290 7.179 6.943 6.878 6.737 6.606 6.523	34.008 34.005 34.018 34.020 34.024 34.014 34.009 34.018 34.016 34.021	26.544 26.569 26.594 26.607 26.625 26.650 26.655 26.681 26.697 26.712	27.910 27.980 28.052 28.111 28.175 28.247 28.298 28.371 28.434 28.495	26.540 26.564 26.589 26.602 26.621 26.645 26.650 26.676 26.693 26.707	153.2 151.0 148.7 147.5 145.9 143.5 143.2 140.8 139.2 137.9	7.709 7.861 8.011 8.159 8.306 8.451 8.594 8.736 8.876 9.015	0000000000	1485.3 1484.8 1484.6 1484.4 1484.1 1483.3 1483.3 1482.9 1482.5 1482.4	1317.9 1395.2 1474.0 1554.3 1636.1 1719.3 1803.9 1889.9 1977.3 2066.1	36.4 20.3 8.6 16.8 15.0 21.4 17.3 19.0 7.6 8.2
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0 490.0	397.8 407.7 417.6 427.5 437.5 447.4 457.3 467.2 477.1	6.438 6.344 6.263 6.241 6.207 5.988 5.825 5.721 5.571	6.402 6.308 6.226 6.204 6.168 5.949 5.785 5.681 5.531	34.018 34.022 34.042 34.058 34.052 34.057 34.052 34.051 34.056	26.725 26.738 26.751 26.770 26.787 26.810 26.827 26.843 26.861 26.875	28.555 28.614 28.674 28.739 28.802 28.873 28.937 29.000 29.065 29.126	26.720 26.733 26.747 26.765 26.805 26.805 26.822 26.838 26.856 26.870	136.7 135.6 134.3 132.7 131.2 128.9 127.3 125.8 124.1 122.8	9.152 9.289 9.424 9.558 9.689 9.819 9.948 10.074 10.200 10.323	0000000000	1482.0 1481.8 1481.7 1481.8 1481.8 1481.1 1480.6 1480.4 1479.9 1479.7	2156.3 2247.8 2340.7 2434.9 2530.4 2627.1 2725.2 2824.5 2925.1 3026.9	3.2 13.7 11.6 26.6 3.7 13.9 11.9 10.4 19.1 22.1
500.0 510.0 520.0 530.0 540.0 550.0 560.0 580.0 590.0	497.0 506.9 516.8 526.8 536.7 546.6 556.5 566.4 576.3	5.438 5.318 5.223 5.214 5.074 5.022 4.960 4.899 4.844 4.798	5.397 5.276 5.181 5.172 5.031 4.978 4.915 4.854 4.798 4.751	34.066 34.074 34.091 34.098 34.096 34.103 34.114 34.125 34.132 34.139	26.888 26.909 26.934 26.941 26.955 26.966 26.983 26.998 27.010 27.021	29.186 29.253 29.325 29.378 29.440 29.498 29.560 29.622 29.681 29.738	26.883 26.904 26.929 26.936 26.950 26.962 26.978 26.993 27.005	121.6 119.6 117.3 116.8 115.3 114.3 112.8 111.4 110.3	10.445 10.566 10.684 10.801 10.917 11.032 11.146 11.258 11.368 11.478	0000000000	1479.7 1479.4 1479.2 1479.3 1478.9 1478.9 1478.8 1478.7 1478.7	3129.9 3234.1 3339.5 3446.0 3553.7 3662.5 3772.5 3883.5 3995.7 4108.9	33.5 11.5 15.6 16.2 11.2 1.5 33.1 12.0 17.9 16.7
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.2 606.1 616.0 625.9 635.8 645.7 655.6 665.5 675.4 685.3	4.731 4.659 4.625 4.549 4.511 4.479 4.452 4.412 4.368 4.352	4.685 4.612 4.577 4.501 4.462 4.430 4.402 4.362 4.317 4.299	34.152 34.165 34.172 34.189 34.200 34.214 34.221 34.231 34.244 34.248	27.039 27.057 27.066 27.088 27.101 27.116 27.124 27.137 27.152 27.156	29.803 29.868 29.924 29.992 30.051 30.112 30.167 30.226 30.288 30.338	27.034 27.052 27.061 27.083 27.096 27.111 27.119 27.131 27.146 27.151	106.0 105.1 103.1 101.9 100.6 99.9 98.7 97.3	11.587 11.693 11.799 11.903 12.005 12.107 12.207 12.307 12.405 12.502	••••••••	1478.6 1478.5 1478.4 1478.4 1478.4 1478.5 1478.5 1478.5	4223.3 4338.7 4455.1 4572.5 4691.0 4810.5 4931.0 5052.4 5174.8 5298.2	17.0 8.2 5.9 11.7 12.6 10.6 4.1 11.5 4.7
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.3 705.2 715.1 725.0 734.9 744.8 754.7 764.6 774.5	4.338 4.302 4.265 4.252 4.232 4.204 4.181 4.173 4.180 4.155	4.285 4.248 4.211 4.196 4.177 4.148 4.124 4.116 4.121 4.096	34.251 34.264 34.270 34.278 34.285 34.294 34.302 34.314 34.326 34.336	27.161 27.175 27.184 27.191 27.199 27.209 27.218 27.228 27.228 27.238	30.388 30.449 30.554 30.558 30.661 30.668 30.723 30.779 30.834 30.890	27.155 27.169 27.178 27.185 27.193 27.204 27.212 27.222 27.232 27.242	95.3 94.5 94.0 93.3 92.3 91.6 90.7 89.9	12.599 12.695 12.790 12.884 12.977 13.070 13.162 13.253 13.344 13.433	.00.00	1478.7 1478.8 1478.9 1479.0 1479.0 1479.1 1479.3 1479.5	5422.6 5547.9 5674.1 5801.2 5929.3 6058.3 6188.3 6450.7 6583.3	7.7 16.4 11.5 17.3 3.6 8.6 9.1 22.6 5.9 7.4
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 890.0	794.3 804.2 814.1 824.0 833.9 843.8 853.7 863.6 873.5	4.132 4.124 4.133 4.119 4.022 4.052 4.020 4.038 4.019 4.004	4.072 4.064 4.072 4.056 3.959 3.988 3.956 3.973 3.953	34.347 34.366 34.376 34.384 34.383 34.397 34.406 34.415 34.424 34.430	27.259 27.275 27.282 27.290 27.299 27.308 27.318 27.324 27.333 27.339	30.948 31.009 31.062 31.116 31.173 31.226 31.283 31.384 31.389 31.441	27.253 27.269 27.276 27.284 27.293 27.301 27.312 27.317 27.326 27.332	86.6 86.1 85.4 84.4 83.8 82.9 82.5 81.7 81.2	13.522 13.609 13.696 13.781 13.866 13.950 14.034 14.116 14.198 14.280	.00000000000000000000000000000000000000	1479.6 1479.8 1480.0 1480.1 1479.9 1480.2 1480.2 1480.5 1480.6 1480.7	6716.7 6851.0 6986.2 7122.2 7259.1 7396.8 7535.2 7674.6 7814.7 7955.6	12.7 14.7 3.0 10.1 3.3 8.3 4.2 9.5 8.6 6.3
900.0 910.0 920.0 930.0 940.0 950.0 970.0 980.0 990.0	893.3 903.2 913.1 923.0 932.9 942.8 952.6 962.5 972.4 982.3	3.979 3.955 3.951 3.947 3.930 3.854 3.862 3.813 3.778	3.912 3.888 3.882 3.877 3.859 3.784 3.791 3.741 3.740 3.705	34.4437 34.4446 34.453 34.458 34.456 34.461 34.462 34.466 34.469	27.348 27.355 27.357 27.364 27.369 27.375 27.375 27.388 27.388 27.394	31.496 31.549 31.597 31.649 31.701 31.754 31.803 31.856 31.905	27.341 27.348 27.351 27.357 27.362 27.368 27.372 27.378 27.381 27.386	79.8 79.6 79.1 78.6 78.0 77.8 77.2 77.0	14.361 14.441 14.521 14.600 14.679 14.757 14.835 14.913 14.990 15.066	.00000000000000000000000000000000000000	1480.7 1480.8 1481.0 1481.1 1481.2 1481.1 1481.3 1481.2 1481.4	8097.3 8239.8 8383.1 8527.2 8672.0 8817.6 8964.0 9111.2 9259.1 9407.7	1.9 9.5 6.6 2.2 10.4 2.8 1.4 6.9

Station	42	Latitude	31' 47.	22'N	Longitu	de 127°	29.09'W	01	May 1991	GMT	8:25	Bottom	4470 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma -0	Sigma-z	Sigma-t		Dyn. Ht	LTR	sv	TF	N ²
db	m	°c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	J/kg	0/0	m/s	m^3/s^2	10 ⁶ /s ²
1000.0 1020.0	992.2	3.747	3.674	34.472	27.400	32.009	27.392	75.9	15.142	.0	1481.5	9557.1	5.2
1040.0	1012.0 1031.8	3.704 3.654	3.629 3.578	34.480 34.488	27.410 27.422	32.112 32.216	27.403 27.414	75.0 73.9	15.293 15.442	.0	1481.6 1481.8	9858.1 10162.1	6.1
1060.0	1051.6	3.617	3.539	34.487	27.425	32.311	27.417	73.7	15.590	.0	1481.9	10468.9	14.3
1080.0	1071.3	3.551	3.472	34.494	27.437	32.417	27.429	72.6	15.736	.0	1482.0	10778.7	11.1
1100.0 1120.0	1091.1 1110.9	3.520 3.479	3.440	34.497	27.442	32.514	27.435	72.2	15.881	.0	1482.2	11091.3	3.5
1140.0	1130.6	3.444	3.398 3.361	34.502 34.505	27.450 27.456	32.614 32.712	27.442 27.448	71.5 71.0	16.024 16.167	.0	1482.4 1482.5	11406.6 11724.8	3.8 6.1
1160.0	1150.4	3.415	3.331	34.508	27.462	32.809	27.454	70.6	16.309	.ŏ	1482.7	12045.8	4.7
1180.0	1170.2	3.381	3.296	34.511	27.468	32.907	27.459	70.1	16.449	.o	1482.9	12369.5	2.3
1200.0	1189.9	3.349	3.262	34.516	27.474	33.006	27.466	69.5	16.589	.0	1483.1	12696.0	4.4
1220.0 1240.0	1209.7 1229.4	3.315 3.286	3.227 3.196	34.519 34.521	27.480 27.485	33.104 33.201	27.471	69.1	16.728	.0	1483.3	13025.2	1.5
1260.0	1249.2	3.242	3.151	34.525	27.492	33.201	27.477 27.483	68.6 68.0	16.866 17.003	.0	1483.5 1483.7	13357.1 13691.6	1.2 5.9
1280.0	1269.0	3,188	3.097	34.530	27.501	33.402	27.493	67.1	17.138	.ŏ	1483.8	14028.9	5.0
1300.0	1288.7	3.147	3.054	34.534	27.508	33.501	27.499	66.5	17.271	.0	1484.0	14368.7	1.8
1320.0 1340.0	1308.5 1328.2	3.115 3.083	3.020 2.988	34.536 34.539	27.513 27.518	33.598 33.695	27.505 27.510	66.1	17.404	.0	1484.2	14711.1	3.0
1360.0	1348.0	3.050	2.953	34.542	27.524	33.793	27.510	65.6 65.2	17.536 17.667	.0	1484.4 1484.6	15056.1 15403.7	3.9 2.7
1380.0	1367.7	3.031	2.932	34.544	27.527	33.888	27.518	64.9	17.797	.ŏ	1484.8	15753.8	1.3
1400.0	1387.4	2.987	2.888	34.548	27.535	33.987	27.525	64.2	17.926	.0	1485.0	16106.5	5.7
1420.0 1440.0	1407.2 1426.9	2.941 2.908	2.841 2.806	34.551 34.553	27.542 27.546	34.087	27.532	63.6	18.054	.0	1485.1	16461.6	4.5
1460.0	1446.7	2.875	2.772	34.554	27.550	34.183 34.279	27.537 27.540	63.2 62.8	18.180 18.306	.0 .0	1485.3 1485.5	16819.2 17179.3	1.6 4.8
1480.0	1466.4	2.833	2.729	34.559	27.557	34.379	27.548	62.1	18.431	.0	1485.6	17541.8	1.2
1500.0	1486.1	2.809	2.703	34.561	27.561	34.475	27.552	61.8	18.555	.0	1485.9	17906.7	4.0
1520.0 1540.0	1505.9 1525.6	2.776	2.670	34.564	27.567	34.572	27.557	61.3	18.678	.0	1486.1	18274.0	1.4
1560.0	1545.3	2.759 2.730	2.651 2.620	34.565 34.567	27.569 27.573	34.666 34.762	27.560 27.564	61.1	18.801	.0	1486.3	18643.8	6.1
1580.0	1565.0	2.687	2.576	34.570	27.580	34.762	27.570	60.7 60.1	18.923 19.044	.0	1486.5 1486.7	19015.9 19390.3	6.1 1.7
1600.0	1584.8	2.675	2.563	34.572	27.583	34.954	27.573	59.9	19.164	.0	1487.0	19767.1	1.4
1620.0	1604.5	2.644	2.530	34.576	27.588	35.052	27.578	59.4	19.283	.0	1487.2	20146.3	1.4
1640.0	1624.2	2.621	2.506	34.578	27.592	35.147	27.582	59.1	19.402	.0	1487.4	20527.7	3
1660.0 1680.0	1643.9 1663.6	2.585 2.552	2.468 2.435	34.581	27.597	35.245	27.587	58.5	19.519	.0	1487.6	20911.4	5.8
1700.0	1683.4	2.519	2.400	34.583 34.587	27.602 27.608	35.342 35.439	27.592 27.598	58.1 57.5	19.636 19.751	.0	1487.8 1488.0	21297.4 21685.6	7.3 2.3
1720.0	1703.1	2.479	2.359	34.589	27.613	35.536	27.603	57.0	19.866	.ŏ	1488.1	22076.1	6
1740.0	1722.8	2.448	2.327	34.591	27.618	35.633	27.607	56.6	19.979	.ŏ	1488.4	22468.8	š
1760.0 1780.0	1742.5 1762.2	2.419 2.399	2.296 2.276	34.593 34.596	27.622	35.729	27.612	56.1	20.092	.0	1488.6	22863.7	-1.1
1800.0					27.626	35.824	27.615	55.8	20.204	.0	1488.8	23260.7	8
1820.0	1781.9 1801.6	2.374 2.330	2.249 2.204	34.598 34.600	27.630 27.635	35.919 36.017	27.619 27.625	55.5 54.9	20.316 20.426	٠,٥	1489.0 1489.2	23659.9	6.8
1840.0	1821.3	2.303	2.175	34.602	27.639	36.113	27.629	54.5	20.426	.0	1489.2	24061.3 24464.7	2.1 5.9
1860.0	1841.0	2.272	2.143	34.605	27.644	36.209	27.633	54.0	20.644	.ŏ	1489.6	24870.3	-2.0
1880.0 1900.0	1860.7	2.246	2.116	34.607	27.648	36.305	27.637	53.6	20.751	.0	1489.8	25278.0	. 4
1920.0	1880.4 1900.1	2.235 2.220	2.103 2.087	34.608 34.610	27.649 27.653	36.397 36.491	27.639 27.642	53.5 53.2	20.858 20.965	.0	1490.1	25687.8	2.7
1940.0	1919.8	2.201	2.066	34.612	27.656	36.586	27.642	53.2	21.072	.0	1490.4 1490.7	26099.6 26513.4	2.2
1960.0	1939.5	2.176	2.040	34.613	27.659	36.680	27.648	52.7	21.177	.ŏ	1490.9	26929.4	3.7
1980.0	1959.2	2.158	2.020	34.617	27.663	36.775	27.652	52.3	21.282	.0	1491.1	27347.3	4.9
2000.0 2050.0	1978.8 2028.0	2.143 2.104	2.004	34.617	27.665	36.868	27.654	52.2	21.387	.0	1491.4	27767.3	7
2098.0	2028.0	2.104	1.962 1.909	34.622 34.626	27.672 27.679	37.102 37.328	27.660 27.667	51.6 50.9	21.646 21.892	٠,	1492.1	28826.1	6
					_ , , ,	51.525	21.007	30.9	41.03Z	.0	1492.7	29854.2	.0

Station	43	Latitude	32° 01.	32'N	Longit	ude 127°	22.04'W	01	May 1991	GMT 11	:30	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 80.0 90.0	.0 10.0 19.9 29.9 39.9 49.8 59.8 69.7 79.7	15.127 15.128 15.135 15.145 15.321 15.262 15.184 14.937 14.832 15.042	15.127 15.126 15.132 15.140 15.315 15.254 15.175 14.926 14.821 15.029	33.196 33.195 33.200 33.391 33.408 33.470 33.370 33.361 33.441	24.555 24.554 24.553 24.555 24.664 24.690 24.703 24.732 24.748 24.764	24.555 24.598 24.642 24.687 24.911 24.968 25.041 25.162	24.555 24.554 24.553 24.554 24.663 24.689 24.701 24.730 24.745 24.762	337.2 337.5 337.9 338.1 328.0 325.8 324.8 322.4 321.2 319.9	.000 .338 .676 1.014 1.348 1.675 2.000 2.324 2.645 2.966	00000000000	1505.6 1505.7 1505.9 1506.1 1507.1 1507.1 1506.3 1506.1 1507.1	1.7 6.7 15.1 26.9 42.0 60.3 81.8 106.6	5.1 25.1 25.6 23.6 23.6 33.7
100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.2	14.790 14.637 13.917 12.131 11.682 11.162 10.742 10.288 10.041 9.679	14.776 14.621 13.900 12.114 11.665 11.143 10.723 10.269 10.020 9.658	33.406 33.410 33.325 33.151 33.222 33.224 33.327 33.374 33.396 33.479	24.792 24.828 24.915 25.132 25.271 25.367 25.523 25.637 25.697 25.822	25.234 25.314 25.446 25.713 25.898 26.040 26.242 26.402 26.508 26.680	24.789 24.825 24.911 25.129 25.268 25.364 25.519 25.693 25.693 25.819	317.5 314.4 306.3 285.4 272.4 263.3 248.7 237.9 232.3 220.5	3.285 3.601 3.910 4.202 4.479 4.747 5.001 5.245 5.479 5.705		1506.4 1506.1 1503.8 1497.7 1496.4 1494.7 1493.5 1492.1 1491.4 1490.3	165.6 199.9 237.3 277.7 320.9 366.8 415.3 466.3 519.6 575.2	30.9 159.1 292.5 120.9 37.7 186.6 23.5 204.0 75.7
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.8 268.7 278.6 288.5	9.519 9.248 9.102 8.849 8.766 8.681 8.474 8.308 8.115 7.872	9.497 9.225 9.078 8.824 8.741 8.655 8.447 8.281 8.087 7.843	33.539 33.597 33.715 33.785 33.880 33.938 33.973 33.984 33.992 33.995	25.895 25.984 26.100 26.195 26.282 26.341 26.400 26.435 26.470 26.508	26.799 26.934 27.095 27.236 27.369 27.473 27.579 27.660 27.741 27.827	25.892 25.981 26.096 26.191 26.278 26.337 26.396 26.430 26.4466 26.504	213.8 205.4 194.6 185.7 177.6 172.1 166.6 163.5 160.2 156.6	5.923 6.135 6.334 6.524 6.705 6.880 7.049 7.214 7.376 7.535	0000000000	1490.0 1489.2 1489.0 1488.3 1488.3 1488.2 1487.2 1487.2 1486.6 1485.8	633.0 693.0 755.0 818.9 884.6 952.1 1021.3 1092.2 1164.6 1238.7	76.5 186.0 112.5 76.2 69.1 55.4 64.7 38.9 32.7 22.4
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.3 338.2 348.1 358.1 368.0 377.9 387.8	7.792 7.633 7.444 7.284 7.193 7.050 6.902 6.760 6.607 6.494	7.762 7.602 7.413 7.253 7.161 7.017 6.868 6.726 6.573 6.459	33.997 34.000 34.000 34.001 34.009 34.011 34.015 34.019 34.021	26.521 26.546 26.573 26.597 26.610 26.636 26.658 26.680 26.704 26.720	27.886 27.957 28.031 28.101 28.160 28.233 28.302 28.371 28.441 28.504	26.517 26.542 26.569 26.592 26.605 26.631 26.654 26.676 26.699 26.715	155.5 153.2 150.6 148.5 147.3 144.9 142.8 140.8 138.6	7.691 7.845 7.996 8.146 8.294 8.441 8.585 8.726 8.866 9.004	0000000000	1485.7 1485.3 1484.7 1484.2 1484.0 1483.6 1483.6 1482.8 1482.8 1482.1	1314.3 1391.4 1470.1 1550.3 1631.9 1715.0 1799.5 1885.4 1972.7 2061.4	18.3 39.1 11.2 12.4 21.1 36.4 28.1 16.4 24.0 29.2
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.8 407.7 417.6 427.5 437.5 447.4 457.3 467.2 477.1 487.1	6.449 6.348 6.264 6.100 6.003 5.799 5.767 5.592 5.513	6.413 6.312 6.227 6.063 5.965 5.761 5.728 5.553 5.473	34.026 34.031 34.040 34.040 34.043 34.042 34.052 34.060 34.063	26.730 26.747 26.758 26.786 26.798 26.826 26.830 26.859 26.874 26.881	28.560 28.624 28.681 28.756 28.815 28.891 28.941 29.017 29.079 29.132	26.726 26.743 26.753 26.781 26.794 26.821 26.825 26.854 26.869 26.876	136.2 134.7 133.8 131.0 129.9 127.2 127.0 124.2 122.8 122.2	9.141 9.276 9.410 9.543 9.673 9.802 9.929 10.054 10.177 10.300	.0000000000	1482.1 1481.9 1481.7 1481.2 1481.0 1480.3 1480.4 1479.8 1479.7	2151.5 2242.8 2335.6 2429.6 2525.0 2621.6 2719.4 2818.6 2918.9 3020.5	19.0 2.9 31.0 50.9 2.8 4.2 37.9 30.6 21.5
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	497.0 506.9 516.8 526.7 536.7 546.6 556.4 576.3 586.2	5.434 5.334 5.253 5.232 5.197 5.055 4.964 4.923 4.911 4.844	5.393 5.293 5.210 5.189 5.154 5.011 4.919 4.878 4.866 4.797	34.070 34.081 34.088 34.095 34.106 34.119 34.129 34.135 34.138 34.149	26.892 26.913 26.928 26.936 26.976 26.976 26.994 27.003 27.007 27.024	29.190 29.257 29.319 29.373 29.432 29.507 29.571 29.627 29.627 29.740	26.888 26.908 26.923 26.931 26.944 26.971 26.989 26.989 27.002 27.018	121.2 119.3 117.9 117.2 116.1 113.5 111.8 110.9 110.6 109.1	10.421 10.542 10.660 10.778 10.895 11.010 11.122 11.233 11.344 11.454	.00	1479.7 1479.5 1479.3 1479.4 1479.4 1479.0 1478.8 1478.9 1478.9	3123.3 3227.2 3332.4 3438.7 3546.1 3654.7 3764.4 3875.3 3987.2 4100.2	4.5 22.3 6.2 12.7 13.8 28.2 3.0 3.9 20.0 14.1
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 616.0 625.9 635.8 645.7 655.6 665.5 675.4 685.3	4.841 4.839 4.789 4.657 4.608 4.601 4.533 4.458 4.412 4.397	4.794 4.791 4.740 4.608 4.558 4.551 4.482 4.406 4.360 4.345	34.159 34.180 34.196 34.201 34.209 34.221 34.227 34.234 34.243 34.256	27.032 27.049 27.068 27.086 27.098 27.108 27.120 27.134 27.146 27.158	29.795 29.857 29.922 29.988 30.046 30.103 30.162 30.222 30.221 30.339	27.027 27.044 27.062 27.081 27.092 27.103 27.115 27.128 27.141 27.153	97.9	11.563 11.670 11.776 11.881 11.984 12.086 12.187 12.286 12.385 12.482	.000000000	1479.0 1479.2 1479.2 1478.8 1478.8 1478.9 1478.8 1478.7 1478.7	4214.3 4329.4 4445.6 4562.9 4681.1 4800.4 4920.6 5041.9 5164.1 5287.3	25.5 24.1 5.0 21.1 15.0 2.7 10.0 10.0 9.1 5.9
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0	695.2 705.1 715.0 725.0 734.9 744.8 754.7 764.6 774.5 784.4	4.384 4.355 4.345 4.330 4.343 4.328 4.319 4.323 4.279 4.247	4.331 4.301 4.290 4.275 4.286 4.271 4.261 4.265 4.220 4.187	34.265 34.275 34.288 34.295 34.308 34.323 34.341 34.348 34.356 34.359	27.167 27.178 27.189 27.196 27.206 27.219 27.235 27.240 27.251 27.257	30.394 30.451 30.508 30.561 30.616 30.675 30.737 30.788 30.845 30.897	27.161 27.172 27.184 27.191 27.200 27.213 27.229 27.234 27.245 27.251	95.2 94.2 93.6 92.9 91.7 90.3 89.9 88.9	12.579 12.674 12.769 12.863 12.956 13.049 13.139 13.229 13.319 13.407	0000000000	1478.9 1479.0 1479.1 1479.2 1479.5 1479.6 1479.7 1479.9 1479.9	5411.5 5536.5 5662.6 5789.5 5917.4 6046.2 6175.8 6306.4 6437.9 6570.2	5.9 12.1 13.2 10.0 14.1 25.9 6.3 4.2 5.7
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.3 804.2 814.1 824.0 833.9 843.8 853.7 863.6 873.5 883.4	4.226 4.205 4.178 4.166 4.145 4.104 4.088 4.072 4.044 4.020	4.165 4.143 4.116 4.103 4.082 4.040 4.023 4.007 3.978 3.954	34.370 34.378 34.387 34.393 34.401 34.403 34.407 34.415 34.420	27.268 27.277 27.287 27.292 27.300 27.306 27.309 27.314 27.323 27.330	30.955 31.009 31.065 31.117 31.170 31.223 31.272 31.323 31.379 31.431	27.262 27.270 27.280 27.286 27.293 27.299 27.302 27.307 27.316 27.323	86.6 85.7 85.3 84.7 84.1 83.8 83.5	13.495 13.582 13.668 13.754 13.839 13.923 14.007 14.091 14.174 14.256	0000000000	1480.0 1480.1 1480.2 1480.3 1480.4 1480.4 1480.5 1480.5 1480.7	6703.4 6837.4 6972.3 7108.0 7244.6 7382.0 7520.3 7659.3 7799.2 7939.9	15.9 6.0 10.1 1.0 4.3 19.8 6.0
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.3 903.2 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	3.994 3.984 3.958 3.952 3.951 3.936 3.914 3.897 3.872 3.851	3.927 3.916 3.889 3.882 3.881 3.865 3.842 3.824 3.799 3.777	34.425 34.429 34.437 34.439 34.442 34.446 34.451 34.454 34.456 34.461	27.337 27.340 27.349 27.352 27.355 27.359 27.366 27.369 27.374 27.380	31.485 31.534 31.589 31.637 31.686 31.736 31.789 31.839 31.889 31.942	27.330 27.333 27.342 27.345 27.347 27.352 27.358 27.362 27.367 27.373	81.2 80.4 80.2 80.0 79.7 79.1 78.8 78.4	14.338 14.419 14.500 14.580 14.660 14.740 14.820 14.899 14.977 15.055	0000000000	1480.8 1480.9 1481.0 1481.1 1481.3 1481.4 1481.6 1481.6 1481.6	8081.3 8223.6 8366.7 8510.6 8655.2 8800.7 8946.9 9093.9 9241.6 9390.2	1.3 47.5 2.5 3.6 6.4 7.5 4.3

Station	43	Latitude	32° 01.	32'N	Longitu	de 127°	22.04'W	01	May 1991	GMT 11	:30	Bottom	
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t		Dyn. Ht	LTR	sv	m3/s2	N ²
ďb	m	•c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	$10^8 m^3/kg$	J/kg	0/0	m/s	m ³ /s ²	10 ⁶ /s ²
1000.0	992.2	3.832	3.758	34.463	27.383	31.991	27.376	77.6	15.133	.0	1481.8	9539.5	4
1020.0 1040.0	1012.0 1031.8	3.789 3.741	3.713	34.467	27.392	32.091	27.384	76.9	15.288	.0	1482.0	9840.3	2.9
1060.0	1051.5	3.711	3.664 3.633	34.474 34.481	27.402 27.410	32.194 32.294	27.394 27.403	76.0 75.3	15.440 15.592	.0	1482.1 1482.3	10144.2 10451.1	2.0 5.8
1080.0	1071.3	3.669	3.589	34.485	27.418	32.394	27.410	74.7	15.742	.ŏ	1482.5	10760.9	3
1100.0	1091.1	3.617	3.536	34.488	27.425	32.494	27.417	74.0	15.890	.ŏ	1482.6	11073.6	4.1
1120.0	1110.8	3.571	3.489	34.493	27.435	32.596	27.427	73.2	16.038	.0	1482.7	11389.2	6.1
1140.0 1160.0	1130.6 1150.4	3.530	3.447	34.500	27.444	32.697	27.435	72.4	16.183	.0	1482.9	11707.7	5.3
1180.0	1170.1	3.484 3.436	3.399 3.350	34.505 34.510	27.452 27.461	32.798 32.900	27.444 27.453	71.6 70.8	16.327 16.469	.0	1483.0 1483.2	12029.0 12353.1	5.0 4.7
1200.0 1220.0	1189.9 1209.7	3.400	3.313	34.514	27.468	32.998	27.460	70.3	16.610	.0	1483.4	12680.0	1.5
1240.0	1229.4	3.370 3.323	3.281 3.233	34.517 34.520	27.473 27.480	33.096 33.195	27.465 27.472	69.8 69.2	16.750 16.889	.0	1483.6 1483.7	13009.6 13341.9	.3 5.0
1260.0	1249.2	3.279	3.188	34.522	27.486	33.293	27.478	68.6	17.027	:ŏ	1483.8	13677.0	8
1280.0	1268.9	3.236	3.144	34.528	27.495	33.394	27.486	67.9	17.164	.ŏ	1484.0	14014.7	2.7
1300.0	1288.7	3.190	3.096	34.531	27.502	33.494	27.493	67.2	17.299	.0	1484.1	14355.0	. 4
1320.0	1308.4	3.153	3.058	34.534	27.508	33.591	27.499	66.7	17.433	.0	1484.3	14698.0	2.1
1340.0 1360.0	1328.2 1347.9	3.113 3.083	3.017 2.986	34.537 34.540	27.514 27.519	33.690 33.787	27.505 27.510	66.1 65.7	17.565 17.697	۰,	1484.5 1484.7	15043.6 15391.7	5.1
1380.0	1367.7	3.044	2.946	34.543	27.525	33.886	27.517	65.1	17.828	.0	1484.9	15742.5	3.3
1400.0	1387.4			-									
1420.0	1407.2	3.004 2.961	2.904 2.860	34.547 34.549	27.532 27.538	33.984 34.082	27.523 27.529	64.5 64.0	17.957 18.086	.0 .0	1485.0 1485.2	16095.7 16451.5	5.4 5.4
1440.0	1426.9	2.936	2.834	34.551	27.542	34.178	27.533	63.6	18.213	:ŏ	1485.4	16809.7	2.2
1460.0	1446.6	2.887	2.783	34.554	27.549	34.278	27.540	63.0	18.340	.ŏ	1485.5	17170.5	4.8
1480.0	1466.4	2.836	2.732	34.558	27.556	34.378	27.547	62.2	18.465	.0	1485.6	17533.6	1.0
1500.0	1486.1	2.811	2.705	34.560	27.560	34.473	27.551	61.9	18.589	٠.0	1485.9	17899.2	.5
1520.0 1540.0	1505.8 1525.6	2.770 2.744	2.663 2.636	34.563 34.564	27.566	34.572	27.557	61.3	18.712	.0	1486.0	18267.2	7.1
1560.0	1545.3	2.711	2.602	34.567	27.569 27.575	34.667 34.764	27.560 27.566	61.0 60.5	18.835 18.956	.0	1486.3 1486.5	18637.6 19010.4	4.0 2.5
1580.0	1565.0	2.670	2.559	34.569	27.581	34.862	27.571	60.0	19.076	:ŏ	1486.6	19385.5	2.3
1600.0	1504 7												
1620.0	1584.7 1604.5	2.659 2.621	2.547 2.508	34.571 34.574	27.583 27.588	34.955 35.053	27.573 27.579	59.8	19.196	٠.٥	1486.9	19762.9	5.5 5.5
1640.0	1624.2	2.590	2.476	34.577	27.594	35.151	27.584	59.3 58.7	19.315 19.433	.0	1487.1 1487.3	20142.6 20524.7	.5
1660.0	1643.9	2.565	2.449	34.579	27.598	35.246	27.588	58.4	19.551	.ŏ	1487.5	20909.0	5.5
1680.0	1663.6	2.532	2,414	34.582	27.603	35.343	27.593	57.9	19.667	.0	1487.7	21295.6	2.0
1700.0	1683.3	2.504	2.386	34.584	27.607	35,439	27.597	57.6	19.782	.0	1487.9	21684.5	3.2
1720.0 1740.0	1703.0 1722.8	2.481 2.454	2.361 2.333	34.586 34.588	27.611 27.615	35.534 35.630	27.600 27.604	57.3 56.9	19.897 20.011	٠,	1488.2 1488.4	22075.5	. 9
1760.0	1742.5	2.418	2.296	34.591	27.620	35.727	27.610	56.3	20.124	.0	1488.6	22468.8 22864.3	4.4
1780.0	1762.2	2.391	2.267	34.594	27.625	35.823	27.614	55.9	20.237	.ŏ	1488.8	23262.0	3.9
1800.0	1781.9	2.364	2.239	34.596	27.628	35.918	27,618	55.5	20.348	.0	1489.0	23661.9	5.3
1820.0	1801.6	2.332	2.205	34.598	27.633	36.015	27.623	55.0	20.348	.0	1489.0	24063.8	5.3
1840.0	1821.3	2.301	2.173	34.601	27.638	36.112	27.628	54.6	20.568	.ŏ	1489.4	24468.0	5.9
1860.0	1841.0	2.270	2.142	34.605	27.644	36.209	27.633	54.0	20.677	.0	1489.6	24874.2	3.3
1880.0 1900.0	1860.7 1880.4	2.239 2.213	2.109	34.606	27.647	36.305	27.637	53.6	20.784	.0	1489.8	25282.5	4.2
1920.0	1900.1	2.185	2.082 2.052	34.609 34.612	27.652 27.657	36.401 36.497	27.642 27.646	53.2 52.7	20.891 20.997	.0	1490.0 1490.2	25692.9 26105.3	2.8 2
1940.0	1919.7	2.167	2.033	34.613	27.659	36.591	27.649	52.5	21.102	.ŏ	1490.2	26519.8	-1.3
1960.0	1939.4	2.147	2.011	34.616	27.663	36.686	27.652	52.1	21.207	.ŏ	1490.8	26936.3	2.2
1980.0	1959.1	2.133	1.996	34.616	27.665	36.778	27.654	52.0	21.311	.0	1491.0	27354.9	7
2000.0	1978.8	2.110	1.971	34.618	27.668	36.873	27.657	51.7	21.415	.0	1491.3	27775.4	1.7
2050.0	2028.0	2.071	1.929	34.623	27.675	37.107	27.664	51.1	21.671	.ŏ	1491.9	28835.4	2.0
2100.0	2077.2	2.031	1.885	34.626	27.681	37.340	27.670	50.5	21.926	.0	1492.6	29907.7	1.4
2116.0	2092.9	2.014	1.868	34.627	27.683	37.415	27.672	50.3	22.006	.0	1492.8	30253.5	.0

Station	44	Latitude	32° 10.	57'N	Longit	nde 127°	18.04'W	01	May 1991	GMT 14	:07	Bottom	3895 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma -0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.188 15.192 15.194 15.196 15.017 14.932 14.561 14.668 14.623 14.762	15.188 15.190 15.191 15.011 14.924 14.552 14.658 14.612 14.748	33.222 33.223 33.223 33.225 33.247 33.234 33.289 33.289 33.342	24.562 24.561 24.561 24.561 24.602 24.638 24.707 24.727 24.738 24.749	24.562 24.605 24.649 24.693 24.858 24.973 25.037 25.146	24.562 24.560 24.560 24.601 24.636 24.706 24.725 24.736 24.746	336.5 336.9 337.2 337.5 333.9 330.8 324.4 322.8 322.0 321.3	.000 .337 .674 1.011 1.347 1.679 2.006 2.329 2.651 2.973	0000000000	1505.8 1506.0 1506.2 1506.3 1505.9 1505.8 1504.8 1505.4 1505.4	.0 1.7 6.7 15.1 26.9 41.9 60.3 81.9 106.7	.0 .4 1.0 3.4 19.8 34.7 27.6 2.2 16.5 -2.5
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.2	14.779 14.283 13.411 12.019 10.960 10.581 10.117 9.940 9.535 9.306	14.764 14.267 13.394 12.003 10.944 10.563 10.999 9.921 9.515 9.285	33.385 33.309 33.241 33.181 33.104 33.162 33.237 33.305 33.342 33.468	24.779 24.825 24.952 25.177 25.310 25.421 25.559 25.642 25.738 25.874	25.220 25.312 25.485 25.758 25.939 26.096 26.280 26.409 26.551 26.733	24.775 24.822 24.949 25.174 25.307 25.418 25.556 25.639 25.735 25.870	318.8 314.6 302.6 281.2 268.4 258.0 245.0 247.3 228.2 215.5	3.293 3.609 3.918 4.210 4.483 4.746 4.998 5.473 5.694		1506.3 1504.8 1502.0 1497.4 1493.7 1492.6 1491.2 1490.8 1489.5 1489.0	165.9 200.2 237.7 278.2 321.5 367.4 415.9 466.8 520.1 575.6	38.5 39.0 120.0 248.3 144.7 37.2 89.2 114.9 141.8 123.6
200.0 210.0 220.0 230.0 240.0 250.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.182 9.136 8.992 8.928 8.867 8.795 8.630 8.430 8.430 8.159	9.161 9.114 8.970 8.904 8.841 8.769 8.609 8.402 8.299 8.130	33.634 33.654 33.724 33.792 33.880 33.900 33.939 33.973 33.982 33.989	26.023 26.046 26.124 26.188 26.267 26.294 26.348 26.407 26.430 26.461	26.928 26.996 27.120 27.229 27.353 27.426 27.527 27.632 27.700 27.778	26.020 26.043 26.121 26.184 26.263 26.290 26.344 26.403 26.425 26.457	201.5 199.5 192.2 186.3 179.1 176.7 171.6 166.1 164.1 161.2	5.903 6.103 6.298 6.488 6.670 6.848 7.022 7.192 7.357 7.519	.0000000000	1488.9 1488.6 1488.6 1488.7 1488.6 1488.2 1487.6 1487.4 1486.9	633.2 692.9 754.6 818.1 883.5 950.7 1019.6 1090.2 1162.4 1236.3	146.5 21.4 25.5 54.5 50.7 72.7 21.7 75.5 29.2 21.3
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	8.085 7.895 7.772 7.589 7.258 7.128 7.068 6.894 6.686 6.612	8.054 7.864 7.741 7.557 7.226 7.096 7.034 6.860 6.651 6.576	33.991 33.995 33.997 34.001 34.005 34.003 34.006 34.010 34.010	26.473 26.505 26.524 26.554 26.604 26.622 26.629 26.655 26.686 26.696	27.836 27.914 27.979 28.056 28.153 28.218 28.272 28.344 28.423 28.479	26.469 26.500 26.520 26.549 26.599 26.617 26.625 26.650 26.682 26.691	160.2 157.2 155.5 152.7 148.0 146.3 145.7 145.7 140.3	7.680 7.838 7.994 8.149 8.298 8.446 8.592 8.736 8.878 9.018	.00000000000000000000000000000000000000	1486.8 1486.3 1485.9 1485.4 1484.3 1483.9 1483.9 1483.4 1482.7 1482.6	1311.8 1388.9 1467.5 1547.6 1629.3 1712.4 1797.0 1883.0 1970.4 2059.3	22.2 28.6 -2.8 62.5 19.7 24.4 6.4 2.9 21.6
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.8 407.7 417.6 427.5 437.5 447.4 457.3 467.2 477.1 487.1	6.452 6.416 6.237 6.189 6.087 6.028 5.827 5.719 5.589	6.417 6.379 6.200 6.151 6.048 5.989 5.788 5.680 5.549 5.455	34.014 34.022 34.022 34.023 34.023 34.024 34.033 34.039 34.039	26.720 26.725 26.755 26.759 26.775 26.783 26.815 26.833 26.835 26.874	28.550 28.601 28.678 28.729 28.791 28.845 28.925 28.990 29.125	26.715 26.720 26.750 26.754 26.770 26.778 26.810 26.828 26.851 26.869	137.2 136.8 134.0 133.7 132.3 131.6 128.5 126.8 124.6 122.9	9.156 9.293 9.430 9.564 9.697 9.829 9.959 10.087 10.213 10.337	.0000000000	1482.1 1482.1 1481.6 1481.5 1481.3 1481.2 1480.6 1480.3 1480.0 1479.8	2149.4 2241.0 2333.9 2428.2 2523.7 2620.6 2718.8 2818.2 2918.9 3020.8	6.1 6.4 31.0 16.6 10.4 7.8 30.3 24.4 12.7
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	497.0 506.9 516.8 526.7 536.7 546.6 556.5 566.4 576.3	5.433 5.331 5.225 5.191 5.170 5.074 5.026 4.968 4.968 4.869	5.392 5.290 5.183 5.148 5.126 5.030 4.982 4.923 4.923 4.923	34.072 34.079 34.087 34.092 34.103 34.112 34.126 34.135 34.147	26.894 26.911 26.930 26.938 26.942 26.961 26.973 26.991 27.003 27.020	29.191 29.256 29.321 29.376 29.426 29.550 29.615 29.673 29.736	26.889 26.906 26.925 26.933 26.937 26.956 26.968 26.986 26.998 27.014	121.0 119.4 117.7 117.0 116.7 114.9 113.8 112.1 111.0 109.6	10.459 10.579 10.698 10.815 10.932 11.047 11.161 11.274 11.386 11.496	.00.00	1479.7 1479.5 1479.2 1479.2 1479.3 1479.1 1479.0 1479.0 1479.0	3124.0 3228.3 3333.8 3440.5 3557.3 3767.4 3878.6 3990.9 4104.3	11.5 18.0 33.7 10.3 10.3 26.1 32.9 12.9 2.5 23.2
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0 690.0	596.1 606.0 616.0 625.9 635.8 645.7 655.6 665.5 675.4 685.3	4.826 4.781 4.747 4.694 4.674 4.620 4.529 4.514 4.492 4.447	4.779 4.733 4.698 4.645 4.624 4.569 4.478 4.463 4.440 4.394	34.157 34.167 34.179 34.190 34.217 34.223 34.230 34.241 34.242 34.250	27.032 27.045 27.058 27.073 27.097 27.108 27.123 27.123 27.134 27.137 27.148	29.795 29.854 29.913 29.975 30.044 30.102 30.164 30.221 30.270 30.328	27.027 27.040 27.053 27.068 27.091 27.102 27.117 27.128 27.131 27.142	107.2 106.1 104.7 102.6 101.6 100.1 99.1 98.9	11.605 11.713 11.819 11.925 12.028 12.131 12.231 12.331 12.430 12.528	.00	1479.0 1479.0 1479.0 1479.0 1479.1 1479.1 1478.8 1478.9 1479.0 1479.0	4218.8 4334.4 4451.0 4568.7 4687.4 4807.1 4927.8 5049.5 5172.2 5295.8	21.1 7.4 9.1 35.8 3.9 7.4 15.0 2.4 4.2
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 725.0 734.8 744.8 754.7 764.6 774.5 784.4	4.418 4.442 4.379 4.382 4.402 4.402 4.382 4.359 4.323 4.312	4.365 4.387 4.324 4.326 4.345 4.344 4.324 4.300 4.263 4.251	34.259 34.280 34.283 34.294 34.311 34.329 34.344 34.351 34.357 34.359	27.158 27.173 27.181 27.190 27.202 27.216 27.231 27.238 27.247 27.250	30.384 30.444 30.500 30.554 30.611 30.671 30.731 30.785 30.840 30.889	27.152 27.167 27.176 27.184 27.196 27.210 27.225 27.232 27.241 27.244	95.0 94.3 93.3 92.1 90.8 90.1 89.3	12.626 12.722 12.818 12.912 13.006 13.099 13.190 13.281 13.371 13.460	.00.00	1479.1 1479.3 1479.3 1479.4 1479.7 1479.9 1480.0 1480.1 1480.1 1480.2	5420.4 5546.0 5672.5 5799.9 5928.3 6057.5 6187.7 6318.8 6560.7	17.0 11.2 18.8 4.5 5.1 21.5 6.6 5.1 7.7
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.3 804.2 814.1 824.0 833.9 843.8 853.7 863.6 873.5 883.4	4.312 4.274 4.263 4.178 4.161 4.149 4.111 4.093 4.067 4.038	4.251 4.212 4.200 4.116 4.097 4.085 4.046 4.027 4.001 3.971	34.372 34.384 34.386 34.401 34.405 34.408 34.416 34.417 34.423 34.423	27.260 27.274 27.277 27.298 27.303 27.307 27.317 27.320 27.327 27.327	30.945 31.005 31.054 31.122 31.173 31.223 31.2279 31.329 31.382 31.435	27.254 27.268 27.270 27.291 27.296 27.300 27.310 27.313 27.320 27.327	87.0 86.8 84.8 84.4 84.1 83.2 83.0 82.3	13.548 13.636 13.723 13.809 13.893 13.978 14.062 14.145 14.227 14.309	.00.00	1480.4 1480.6 1480.5 1480.5 1480.6 1480.7 1480.8 1480.8	6717.3 6851.9 6987.3 7123.6 7260.7 7398.6 7537.4 7677.0 7817.4 7958.6	13.3 3.1 7.5 12.7 7.8 1.6 20.4 2.5 4.0 7.5
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.3 903.2 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.017 3.996 3.986 3.938 3.915 3.886 3.875 3.875 3.853 3.841 3.810	3.949 3.928 3.917 3.868 3.845 3.816 3.803 3.781 3.768 3.736	34.430 34.435 34.445 34.445 34.451 34.452 34.455 34.457 34.457	27.338 27.343 27.345 27.356 27.361 27.368 27.371 27.375 27.378 27.378	31.486 31.536 31.584 31.642 31.693 31.746 31.795 31.845 31.895	27.331 27.336 27.338 27.349 27.354 27.361 27.363 27.368 27.371 27.377	80.9 80.8 79.8 79.4 78.7 78.6 78.2 77.9	14.391 14.472 14.553 14.633 14.713 14.792 14.870 14.949 15.027	.00	1480.9 1481.0 1481.1 1481.1 1481.2 1481.3 1481.4 1481.5 1481.6	8100.6 8243.4 8387.0 8531.4 8676.6 8822.5 8969.2 9116.7 9265.0 9414.0	1.9 1.1 11.0 1.6 4.0 3.4 2.0 5.5 1.7

Station	44	Latitude	32° 10.	57' N	Longitu	de 127°	18.04'W	01	May 1991	GMT 14	:07	Bottom	3895 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn. Ht	LTR	sv	m ³ /s ²	N ²
ďb	m	.c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	$10^8 \text{m}^3/\text{kg}$	J/kg	0/0	m/s	m ³ /s ²	10 ⁶ / s ²
1000.0 1020.0	992.2 1012.0	3.786 3.741	3.711	34.465	27.390	31.998	27.382	76.9	15.182	.0	1481.6	9563.8	3.1
1040.0	1031.7	3.738	3.666 3.661	34.470 34.470	27.398 27.399	32.099 32.191	27.391 27.391	76.2 76.3	15.335 15.487	.0	1481.8 1482.1	9865.6 10170.4	-1.2 3.2
1060.0	1051.5	3.698	3.620	34.475	27.407	32.292	27.399	75.6	15.639	.ŏ	1482.3	10478.2	3.8
1080.0 1100.0	1071.3 1091.1	3.652 3.569	3.572	34.482	27.417	32.394	27.409	74.7	15.789	.0	1482.4	10788.9	.8
1120.0	1110.8	3.532	3.488 3.450	34.486 34.493	27.429 27.438	32.499 32.601	27.421 27.430	73.6 72.7	15.938 16.084	.0	1482.4 1482.6	11102.6 11419.1	9.9 1.7
1140.0	1130.6	3.475	3.392	34.500	27.449	32.704	27.441	71.8	16.228	.ŏ	1482.7	11738.5	3.5
1160.0	1150.4	3.457	3.372	34.502	27.453	32.799	27.445	71.5	16.372	.0	1482.9	12060.7	2.6
1180.0	1170.1	3.431	3.345	34.506	27.459	32.897	27.450	71.1	16.514	.0	1483.1	12385.6	2.6
1200.0 1220.0	1189.9	3.368	3.281	34.509	27.467	32.998	27.459	70.3	16.656	.0	1483.2	12713.4	5.0
1240.0	1209.7 1229.4	3.323 3.280	3.235 3.190	34.513 34.519	27.474 27.484	33.098 33.200	27.466	69.6	16.796	٠,	1483.4	13043.9	6.5
1260.0	1249.2	3.213	3.122	34.522	27.492	33.301	27.476 27.484	68.7 67.9	16.934 17.070	.0	1483.5 1483.6	13377.1 13713.0	3.0 7.4
1280.0	1268.9	3.204	3.112	34.524	27.495	33,395	27.486	67.8	17.206	.ŏ	1483.9	14051.6	2.1
1300.0	1288.7	3.161	3.067	34.528	27.502	33.495	27.493	67.1	17.341	.0	1484.0	14392.8	5.9
1320.0 1340.0	1308.4 1328.2	3.141 3.097	3.046 3.002	34.530 34.531	27.506 27.511	33.590	27.497	66.8	17.475	٠.0	1484.3	14736.6	5.6
1360.0	1347.9	3.053	2.956	34.537	27.520	33.687 33.789	27.502 27.511	66.4 65.6	17.608 17.740	.0	1484.4 1484.6	15083.0 15432.0	1.5 5.1
1380.0	1367.7	3.003	2.905	34.542	27.528	33.890	27.519	64.8	17.870	.ŏ	1484.7	15783.5	.4
1400.0	1387.4	2.970	2.871	34.544	27.533	33.987	27.524	64.3	17.999	.0	1484.9	16137.6	5.1
1420.0 1440.0	1407.2 1426.9	2.932	2.832	34.548	27.539	34.085	27.530	63.7	18.127	.0	1485.1	16494.1	1.9
1460.0	1446.6	2.903 2.883	2.801 2.780	34.551 34.554	27.545 27.549	34.183 34.278	27.536 27.540	63.2 62.9	18.254 18.380	•0	1485.3	16853.2	-1.0
1480.0	1466.4	2.836	2.732	34.557	27.556	34.377	27.546	62.3	18.505	.0	1485.5 1485.6	17214.7 17578.7	-1.0 4.6
1500.0	1486.1	2.808	2.702	34.559	27.560	34.473	27.550	61.9	18.630	.ŏ	1485.9	17945.0	-2.5
1520.0 1540.0	1505.8 1525.6	2.776 2.738	2.668	34.561	27.564	34.569	27.555	61.5	18.753	.0	1486.1	18313.8	3.7
1560.0	1545.3	2.710	2.630 2.601	34.564 34.567	27.570 27.575	34.668 34.764	27.561 27.566	60.9 60.5	18.875 18.997	.0	1486.2 1486.4	18685.0 19058.6	6.1
1580.0	1565.0	2.689	2.578	34.568	27.578	34.859	27.568	60.3	19.118	:0	1486.7	19434.5	-3.0 2.0
1600.0	1584.7	2.655	2.543	34.571	27.583	34.956	27.574	59.8	19.238	.0	1486.9	19812.7	9.3
1620.0	1604.4	2.609	2.495	34.575	27.590	35.055	27.580	59.1	19.356	.ō	1487.0	20193.3	4.9
1640.0 1660.0	1624.2 1643.9	2.582 2.539	2.468 2.423	34.577 34.579	27.595 27.600	35.152 35.249	27.585	58.7	19.474	۰.0	1487.2	20576.1	1.7
1680.0	1663.6	2.513	2.396	34.581	27.604	35.345	27.590 27.594	58.1 57.7	19.591 19.706	.0	1487.4 1487.6	20961.2 21348.6	5.8 3.5
1700.0	1683.3	2.483	2.365	34.585	27.609	35.442	27.599	57.3	19.821	.ŏ	1487.8	21738.2	3.8
1720.0 1740.0	1703.0	2.449	2.329	34.588	27.615	35.540	27.605	56.7	19.935	.0	1488.0	22130.1	.0
1760.0	1722.7 1742.4	2.426 2.405	2.305 2.283	34.590 34.591	27.619 27.621	35.635 35.729	27.609 27.611	56.3 56.1	20.048	٠٥.	1488.3	22524.1	1.8
1780.0	1762.1	2.384	2.260	34.594	27.625	35.824	27.615	55.8	20.161 20.273	.0	1488.5 1488.7	22920.3 23318.7	3.0 5.0
1800.0	1781.8	2.354	2.229	34.596	27.629	35.920	27.619	55.4	20.384	.0	1489.0	23719.2	3.3
1820.0	1801.6	2.343	2.216	34.596	27.631	36.012	27.620	55.3	20.495	.ŏ	1489.2	24121.9	.4
1840.0	1821.3	2.322	2.194	34.599	27.635	36.108	27.624	54.9	20.605	.0	1489.5	24526.8	1.6
1860.0 1880.0	1840.9 1860.6	2.280 2.260	2.151 2.129	34.603 34.604	27.641 27.644	36.206 36.300	27.631	54.3	20.714	٠.٥	1489.6	24933.7	.1
1900.0	1880.3	2.222	2.091	34.608	27.650	36.399	27.633 27.639	54.0 53.4	20.823	.0 .0	1489.9 1490.1	25342.8 25753.9	1.9 2.5
1920.0	1900.0	2.204	2.071	34.609	27.653	36.492	27.642	53.2	21.036	.ŏ	1490.3	26167.1	2.8
1940.0 1960.0	1919.7 1939.4	2.190 2.178	2.056	34.611	27.656	36.586	27.645	52.9	21.142	.0	1490.6	26582.4	1.0
1980.0	1959.1	2.155	2.042 2.018	34.612 34.614	27.657 27.661	36.678 36.774	27.646 27.650	52.8 52.5	21.248 21.353	.0	1490.9 1491.1	26999.7 27419.0	2.8
2000.0	1978.8	2.144	2.005	34.615	27.663	36.866	27.652	52.4					1
2050.0	2028.0	2.106	1.963	34.618	27.669	37.099	27.658	51.8	21.458 21.718	.0	1491.4 1492.1	27840.4 28902.7	-1.0 3
2098.0	2075.2	2.058	1.912	34.624	27.678	37.326	27.666	51.0	21.965	.ŏ	1492.7	29934.1	.ŏ

Station	45	Latitude	32. 13.	45'N	Longit	ude 127°	16.32'W	01	May 1991	GMT 16	i:11	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	14.965 14.971 14.970 14.984 14.993 14.770 14.426 14.411 14.305 13.921	14.965 14.969 14.967 14.987 14.763 14.417 14.401 14.293 13.908	33.170 33.169 33.182 33.194 33.206 33.185 33.213 33.221 33.221	24.570 24.568 24.568 24.576 24.583 24.641 24.698 24.723 24.752 24.826	24.570 24.612 24.657 24.708 24.760 24.862 24.963 25.106 25.225	24.570 24.567 24.568 24.575 24.582 24.640 24.696 24.721 24.750 24.824	335.7 336.2 336.5 336.0 335.6 330.4 325.3 323.1 320.7 313.8	.000 .336 .672 1.009 1.345 1.679 2.005 2.329 2.651 2.970	00000000000	1505.0 1505.2 1505.4 1505.6 1505.8 1505.3 1504.3 1504.4 1504.3	.0 1.7 6.7 15.1 26.8 41.9 60.2 81.8 106.6 134.6	.0 .7 3.0 10.1 42.0 165.8 5.6 24.7 56.0 179.2
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.1	13.038 11.874 11.307 10.822 10.601 10.250 9.724 9.517 9.250 9.087	13.024 11.860 11.292 10.807 10.584 10.233 9.706 9.499 9.231 9.067	33.125 33.131 33.160 33.216 33.250 33.296 33.329 33.329 33.398 33.463 33.521	24.937 25.164 25.291 25.421 25.486 25.583 25.696 25.785 25.878 25.950	25.382 25.656 25.830 26.005 26.116 26.258 26.419 26.553 26.692 26.810	24.934 25.162 25.289 25.418 25.580 25.580 25.781 25.875 25.946	303.5 281.8 269.9 257.7 251.6 242.6 231.9 223.6 214.8 208.2	3.278 3.571 3.849 4.115 4.368 4.615 4.854 5.081 5.301 5.513	0000000000	1500.3 1496.5 1494.7 1493.2 1492.6 1491.6 1489.8 1489.3 1488.6 1488.2	165.7 199.8 236.7 276.4 318.6 363.3 410.4 459.8 511.4 565.2	147.4 52.0 158.2 267.1 17.3 25.0 11.5 73.2 14.4
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.8 248.8 258.7 268.6 278.6 288.5	8.917 8.888 8.931 8.698 8.572 8.458 8.319 8.212 8.023 7.888	8.896 8.866 8.907 8.674 8.547 8.432 8.292 8.185 7.995 7.859	33.606 33.709 33.825 33.921 33.948 33.978 33.978 33.986 33.992 33.997	26.043 26.129 26.213 26.324 26.365 26.428 26.450 26.483 26.507	26.949 27.080 27.209 27.367 27.453 27.529 27.607 27.676 27.756 27.825	26.040 26.126 26.209 26.321 26.361 26.424 26.424 26.446 26.479 26.503	199.5 191.5 183.8 173.3 169.6 166.9 163.9 161.9 158.8 156.7	5.716 5.912 6.101 6.279 6.450 6.619 6.784 6.784 7.107 7.265	0000000000	1487.8 1488.0 1488.5 1487.9 1487.6 1487.0 1487.0 1486.8 1486.3 1485.9	621.0 678.8 738.5 800.1 863.3 928.2 994.8 1063.0 1132.8 1204.2	41.9 82.3 136.8 114.5 11.1 29.5 21.6 43.3 16.0 54.9
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	7.634 7.533 7.351 7.206 7.171 7.062 6.903 6.797 6.671 6.595	7.604 7.503 7.320 7.175 7.139 7.029 6.870 6.763 6.636 6.560	34.002 33.999 34.004 34.004 34.004 34.009 34.009 34.009 34.010	26.548 26.560 26.590 26.610 26.630 26.656 26.670 26.687 26.698	27.913 27.971 28.048 28.115 28.166 28.227 28.300 28.360 28.424 28.481	26.544 26.556 26.585 26.606 26.611 26.626 26.652 26.666 26.683 26.694	152.8 151.8 149.0 147.2 146.8 145.5 143.0 141.8 140.2 139.2	7.420 7.573 7.723 7.871 8.018 8.164 8.309 8.451 8.592 8.732		1485.1 1484.9 1484.3 1483.9 1483.9 1483.7 1483.2 1483.0 1482.6 1482.5	1277.1 1351.6 1427.5 1504.9 1583.8 1664.2 1745.9 1829.1 1913.7 1999.7	16.5 41.7 15.0 17.6 3.3 19.7 20.2 40.4 2.6 5.8
400.0 410.0 420.0 430.0 440.0 450.0 470.0 480.0 490.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1	6.434 6.329 6.218 6.122 6.037 5.943 5.770 5.661 5.530 5.416	6.398 6.292 6.181 6.085 5.999 5.904 5.731 5.621 5.490 5.376	34.015 34.017 34.021 34.027 34.032 34.036 34.047 34.050 34.057 34.063	26.723 26.739 26.756 26.774 26.788 26.803 26.833 26.849 26.849	28.553 28.616 28.679 28.743 28.805 28.866 28.944 29.007 29.141	26.719 26.734 26.751 26.769 26.783 26.798 26.828 26.828 26.844 26.866 26.884	136.9 135.4 133.9 132.3 130.9 129.6 126.7 125.2 123.1 121.4	8.870 9.006 9.141 9.274 9.406 9.536 9.664 9.790 9.915 10.037	0000000000	1482.0 1481.8 1481.5 1481.3 1481.1 1480.9 1480.4 1480.1 1479.8 1479.8	2087.1 2175.8 2265.8 2357.2 2449.9 2543.8 2639.1 2735.6 2833.3 2932.3	45.6 9.0 4.9 4.6 28.9 23.9 7.5 25.5 18.8
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.5 556.5 566.4 576.3 586.2	5.381 5.359 5.284 5.219 5.134 5.077 5.012 4.970 4.931 4.881	5.340 5.317 5.242 5.176 5.090 5.034 4.967 4.924 4.885 4.835	34.068 34.088 34.096 34.104 34.108 34.113 34.125 34.125 34.141 34.152	26.897 26.916 26.931 26.945 26.958 26.968 26.985 26.996 27.007 27.021	29.195 29.259 29.321 29.382 29.441 29.499 29.562 29.619 29.677 29.738	26.892 26.910 26.926 26.940 26.952 26.963 26.980 26.980 27.002 27.016	120.7 119.1 117.7 116.4 115.2 114.2 112.6 111.7 110.7	10.158 10.278 10.396 10.513 10.629 10.743 10.856 10.968 11.980		1479.5 1479.6 1479.5 1479.4 1479.2 1479.1 1479.0 1479.0 1479.0	3032.4 3133.8 3236.3 3340.0 3550.7 3657.8 3766.0 3875.3 3985.7	15.3 15.9 18.0 16.2 19.4 14.4 16.8 3.0 15.3 32.3
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0 690.0	596.1 606.0 615.9 625.8 635.8 645.7 655.6 675.4 685.3	4.787 4.769 4.709 4.698 4.615 4.606 4.654 4.554 4.508 4.484	4.740 4.721 4.661 4.565 4.556 4.602 4.496 4.455 4.431	34.174 34.176 34.186 34.197 34.203 34.230 34.230 34.233 34.250 34.263	27.050 27.054 27.068 27.079 27.092 27.097 27.110 27.124 27.142 27.154	29.813 29.862 29.924 29.980 30.041 30.092 30.149 30.211 30.275 30.333	27.044 27.048 27.063 27.073 27.087 27.092 27.104 27.118 27.136 27.148	106.7 106.5 105.1 104.2 102.9 102.5 100.5 100.1 98.5 97.4	11.298 11.404 11.510 11.615 11.718 11.821 11.923 12.024 12.123 12.221	.000000000	1478.8 1478.9 1478.9 1479.0 1478.8 1478.9 1479.3 1479.1 1479.1	4097.2 4209.7 4323.2 4437.8 4553.5 4670.1 4787.7 4906.4 5026.0 5146.6	8.8 15.3 9.7 15.0 15.6 4.7 20.6 4.7 11.8 12.4
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.463 4.426 4.401 4.384 4.364 4.338 4.340 4.312 4.290 4.277	4.410 4.372 4.346 4.329 4.308 4.281 4.282 4.253 4.253 4.216	34.269 34.279 34.294 34.311 34.320 34.331 34.336 34.336 34.343	27.161 27.174 27.188 27.194 27.206 27.216 27.224 27.231 27.239 27.251	30.387 30.445 30.506 30.558 30.615 30.672 30.726 30.779 30.833 30.891	27.155 27.168 27.182 27.188 27.199 27.209 27.218 27.225 27.233 27.245	96.8 95.7 94.4 93.9 92.9 92.0 91.3 90.7 90.0 89.0	12.318 12.415 12.510 12.604 12.697 12.790 12.882 12.972 13.063 13.152	.00	1479.3 1479.4 1479.4 1479.5 1479.6 1479.6 1479.8 1479.9 1479.9	5268.1 5390.7 5514.1 5638.5 5763.8 5890.0 6017.1 6145.1 6274.0 6403.8	15.0 10.6 7.4 5.4 11.2 13.9 10.9 11.5 8.9 2.8
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.243 4.225 4.212 4.191 4.198 4.160 4.150 4.152 4.142 4.100	4.182 4.163 4.150 4.129 4.134 4.096 4.085 4.086 4.075 4.033	34.361 34.369 34.378 34.388 34.392 34.400 34.409 34.417 34.425	27.259 27.265 27.269 27.278 27.285 27.293 27.300 27.307 27.315 27.325	30.945 30.997 31.047 31.102 31.155 31.209 31.262 31.314 31.368 31.425	27.253 27.258 27.263 27.271 27.279 27.286 27.293 27.300 27.308 27.318	88.3 87.5 86.7 86.1 85.4 84.3 83.6 82.6	13.241 13.329 13.417 13.504 13.590 13.676 13.761 13.845 13.929 14.012	.00000000000000000000000000000000000000	1480.1 1480.2 1480.3 1480.4 1480.6 1480.6 1480.8 1480.9 1481.1	6534.5 6666.0 6798.4 6931.7 7200.7 7336.5 7473.1 7610.6 7748.8	5.1 9.5 5.1 9.6 2.8 13.1 6.3
900.0 910.0 920.0 930.0 940.0 950.0 970.0 980.0 990.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.066 4.058 4.026 4.015 3.999 3.993 3.977 3.951 3.951 3.885	3.998 3.989 3.956 3.945 3.928 3.922 3.904 3.878 3.838 3.811	34.430 34.431 34.437 34.441 34.442 34.442 34.449 34.455 34.459	27.333 27.335 27.340 27.344 27.349 27.351 27.354 27.361 27.370 27.375	31.479 31.527 31.579 31.628 31.679 31.726 31.776 31.828 31.884 31.936	27.326 27.328 27.333 27.337 27.342 27.343 27.347 27.353 27.362 27.368	81.9 81.8 81.1 80.7 80.6 80.4 79.8 78.9	14.095 14.177 14.258 14.340 14.421 14.501 14.582 14.662 14.741 14.820	000000000000000000000000000000000000000	1481.1 1481.2 1481.3 1481.4 1481.5 1481.6 1481.7 1481.8 1481.8	7887.9 8027.8 8168.5 8310.0 8452.2 8595.3 8799.2 8883.8 9029.2 9175.4	2.5 3.4 5.2 4.3 5.5 2.6 2.6 3.5

Station	45	Latitude	32° 13.	45' N	Longitu	ide 127°	16.32'₩	01	May 1991	GMT 16	:11	Bottom	2750 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /ko	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m ³ /s ²	N ² 10 ⁶ /s ²
1000.0 1020.0 1040.0 1060.0 1100.0 1120.0 1140.0 1160.0 1180.0	992.2 1011.9 1031.7 1051.5 1071.3 1091.0 1110.8 1130.6 1150.3 1170.1	3.858 3.813 3.763 3.701 3.638 3.601 3.568 3.529 3.485	3.783 3.787 3.686 3.622 3.559 3.520 3.486 3.445 3.445	34.462 34.468 34.479 34.484 34.487 34.491 34.495 34.501	27.381 27.398 27.410 27.420 27.427 27.427 27.443 27.440 27.447 27.453	31.987 32.089 32.190 32.294 32.397 32.496 32.594 32.693 32.891	27.373 27.383 27.391 27.402 27.412 27.419 27.425 27.432 27.439 27.445	77.9 77.1 76.4 75.4 74.4 73.9 73.4 72.8 72.8	14.898 15.054 15.208 15.359 15.509 15.657 15.804 15.950 16.239	00000000000	1481.9 1482.2 1482.3 1482.3 1482.3 1482.5 1482.7 1483.0 1483.2	9322.4 9618.6 9917.9 10220.2 10525.3 10833.5 1144.5 11458.3 11775.0	6.4 12.0 10.2 4.1 4.4 .3 2.3 .3 2.7
1200.0 1220.0 1240.0 1260.0 1300.0 1320.0 1340.0 1360.0 1380.0	1189.9 1209.6 1229.4 1249.1 1268.9 1288.6 1308.4 1328.1 1347.9 1367.6	3.407 3.376 3.334 3.268 3.217 3.179 3.101 3.067 2.993	3.320 3.288 3.244 3.177 3.125 3.086 3.007 2.971 2.927 2.895	34.505 34.509 34.514 34.519 34.523 34.526 34.532 34.539 34.539	27.460 27.467 27.474 27.485 27.493 27.511 27.517 27.517 27.524 27.529	32.990 33.089 33.188 33.292 33.393 33.491 33.597 33.695 33.695 33.892	27.452 27.458 27.466 27.476 27.485 27.490 27.508 27.508 27.515 27.521	71.0 70.5 68.8 68.0 67.5 66.2 65.7 64.6	16.382 16.523 16.663 16.802 16.938 17.074 17.208 17.340 17.470 17.600	00000000000	1483.4 1483.6 1483.8 1483.9 1484.1 1484.1 1484.3	12416.9 12742.0 13069.8 13400.4 13733.7 14069.6 14408.1 14749.3 15092.9 15439.2	2.7 7.7 4.4 5.6 7.1 10.6 5.9 7.1 1.6 4.5
1400.0 1420.0 1440.0 1460.0 1500.0 1520.0 1540.0 1560.0 1580.0	1387.4 1407.1 1426.8 1446.6 1466.3 1486.1 1505.8 1525.5 1545.2	2.969 2.931 2.889 2.853 2.836 2.782 2.751 2.708 2.659 2.651	2.869 2.830 2.788 2.750 2.732 2.676 2.644 2.601 2.550 2.540	34.545 34.551 34.551 34.555 34.559 34.562 34.565 34.569 34.571	27.534 27.539 27.546 27.552 27.554 27.563 27.567 27.567 27.581 27.583	33.987 34.085 34.184 34.282 34.376 34.477 34.574 34.673 34.772 34.866	27.525 27.530 27.537 27.542 27.545 27.553 27.558 27.558 27.564 27.572 27.574	64.2 63.7 63.1 62.6 62.4 61.6 60.5 59.7 59.6	17.729 17.857 17.984 18.110 18.235 18.358 18.481 18.603 18.722 18.842	000000000000000000000000000000000000000	1484.9 1485.0 1485.2 1485.4 1485.6 1485.7 1486.0 1486.1 1486.2 1486.5	15787.9 16139.1 16492.9 16849.1 17207.7 17568.7 17932.1 18297.9 1866.1 19036.6	1.9 2.8 7.5 1.0 3.1 1.3 2.8 5.5 1.7
1600.0 1620.0 1640.0 1660.0 1700.0 1720.0 1740.0 1760.0 1780.0	1584.7 1604.4 1624.1 1643.8 1663.6 1683.3 1703.0 1722.7 1742.4 1762.1	2.638 2.592 2.529 2.497 2.474 2.446 2.418 2.390 2.374 2.337	2.526 2.479 2.414 2.382 2.357 2.328 2.298 2.269 2.252 2.214	34.571 34.573 34.580 34.582 34.584 34.587 34.589 34.592 34.593 34.597	27.585 27.590 27.602 27.606 27.610 27.614 27.618 27.623 27.626 27.632	34.958 35.056 35.161 35.257 35.352 35.449 35.544 35.735 35.833	27.575 27.581 27.592 27.596 27.600 27.604 27.608 27.613 27.615 27.622	59.6 59.0 57.8 57.4 57.1 56.3 55.6 55.6	18.961 19.080 19.197 19.312 19.426 19.540 19.653 19.764 19.876	0000000000	1486.8 1486.9 1487.0 1487.2 1487.5 1487.7 1488.1 1488.4 1488.5	19409.3 19784.5 20161.8 20541.5 20541.5 21307.4 21693.7 22082.1 22472.7 22865.5	9.0 2.0 2.6 8 4.7 1.5 3.8
1800.0 1820.0 1840.0 1860.0 1900.0 1920.0 1940.0 1960.0 1980.0	1781.8 1801.5 1821.2 1840.9 1860.6 1880.3 1900.0 1919.7 1939.4 1959.1	2.322 2.306 2.289 2.261 2.241 2.219 2.188 2.168 2.149 2.121	2.198 2.180 2.162 2.132 2.111 2.087 2.056 2.034 2.013 1.984	34.599 34.600 34.601 34.605 34.608 34.610 34.612 34.613 34.613	27.634 27.636 27.639 27.643 27.647 27.655 27.655 27.658 27.665	35.926 36.020 36.113 36.209 36.304 36.399 36.495 36.590 36.684 36.779	27.624 27.626 27.628 27.633 27.636 27.640 27.644 27.647 27.650 27.650	54.8 54.6 54.4 54.0 53.7 53.3 52.6 52.3 52.0	20.096 20.206 20.315 20.423 20.531 20.638 20.744 20.850 20.955 21.059	00000000000	1488.8 1489.1 1489.3 1489.6 1489.8 1490.1 1490.3 1490.8 1490.8	23260.3 23657.3 24056.5 24457.7 24861.0 25266.4 25673.9 26083.4 26494.9 26908.5	3.6 1.8 4.8 5.4 7 3.3 -1.3 2.5 3.4
2000.0 2050.0 2098.0	1978.7 2027.9 2075.2	2.094 2.037 2.008	1.956 1.896 1.863	34.619 34.624 34.626	27.670 27.679 27.683	36.875 37.112 37.334	27.659 27.667 27.671	51.5 50.6 50.3	21.163 21.418 21.660	.0 .0	1491.2 1491.8 1492.5	27324.0 28371.6 29388.8	3.7 .0

Station	46	Latitude	32. 16.	04'N	Longit	ide 127°	14.97'W	01	May 1991	GMT 18	:07	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma -0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ^{TF}	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	14.933 14.937 14.929 14.921 14.906 14.838 14.452 14.446 14.403 14.287	14.933 14.936 14.926 14.917 14.901 14.830 14.443 14.436 14.391 14.274	33.155 33.151 33.152 33.152 33.154 33.163 33.184 33.218 33.223 33.225	24.565 24.565 24.565 24.566 24.571 24.593 24.692 24.720 24.733 24.760	24.565 24.606 24.653 24.699 24.748 24.814 24.957 25.029 25.087 25.158	24.565 24.561 24.564 24.565 24.570 24.592 24.690 24.718 24.730 24.757	336.2 336.8 336.8 337.0 336.8 335.0 325.8 323.5 322.5	.000 .336 .673 1.010 1.347 1.684 2.015 2.339 2.663 2.984	0000000000	1504.9 1505.1 1505.2 1505.4 1505.5 1504.4 1504.6 1504.6	.0 1.7 6.7 15.1 26.8 41.9 60.4 82.0 107.0 135.1	.0 1.0 2.8 9.8 44.6 75.3 4.5 17.1 52.8
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.1	13.402 12.226 11.342 10.836 10.565 10.368 9.839 9.530 9.269 9.008	13.388 12.212 11.327 10.821 10.549 10.351 9.821 9.511 9.250 8.988	33.156 33.074 33.061 33.119 33.248 33.303 33.340 33.390 33.508 33.599	24.888 25.054 25.208 25.343 25.491 25.568 25.686 25.686 25.911 26.023	25.332 25.746 25.746 25.927 26.121 26.243 26.408 26.725 26.884	24.885 25.051 25.205 25.340 25.488 25.565 25.683 25.773 25.907 26.020	308.2 292.4 277.8 265.0 251.2 244.0 232.8 224.4 211.8 201.2	3.299 3.600 3.886 4.157 4.416 4.665 4.905 5.134 5.351 5.558	0000000000	1501.5 1497.6 1494.7 1493.1 1492.5 1492.0 1490.3 1489.4 1488.7 1488.0	166.4 200.7 238.0 278.0 320.7 365.9 413.5 463.4 515.5 569.8	175.0 125.3 92.3 117.7 62.3 94.2 143.9 115.7 81.2 45.7
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.6 278.6 288.5	8.915 8.842 8.790 8.594 8.567 8.460 8.328 8.083 8.012 7.770	8.894 8.819 8.767 8.570 8.542 8.434 8.301 8.056 7.984 7.741	33.674 33.763 33.879 33.922 33.940 33.962 33.976 33.993 33.993	26.097 26.178 26.277 26.341 26.360 26.394 26.425 26.475 26.486 26.526	27.003 27.129 27.274 27.384 27.448 27.528 27.605 27.701 27.758 27.845	26.094 26.174 26.273 26.338 26.356 26.390 26.421 26.471 26.481 26.522	194.3 186.9 177.6 171.7 170.1 167.0 164.2 159.5 158.6 154.8	5.755 5.945 6.128 6.301 6.472 6.641 6.806 6.967 7.126 7.283	0000000000	1487.9 1488.0 1487.5 1487.6 1487.4 1487.1 1486.3 1486.2 1485.5	626.0 684.2 744.2 805.9 869.4 934.5 1001.3 1069.7 1139.7	100.4 81.4 114.8 5.5 41.6 42.4 74.3 6.3 51.1 15.1
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	7.600 7.429 7.249 7.063 6.965 6.873 6.748 6.679 6.572 6.377	7.571 7.390 7.219 7.033 6.934 6.841 6.715 6.645 6.538 6.343	33.999 34.001 34.006 34.003 34.005 34.005 34.004 34.006 34.009 34.015	26.550 26.578 26.605 26.629 26.642 26.656 26.673 26.684 26.700 26.731	27.916 27.990 28.065 28.135 28.194 28.255 28.318 28.375 28.438 28.516	26.546 26.573 26.601 26.625 26.638 26.652 26.669 26.669 26.696 26.726	152.6 150.1 147.5 145.2 144.1 142.8 141.3 140.4 138.9 136.0	7.436 7.587 7.736 7.883 6.027 8.170 8.313 8.453 8.593 8.731		1485.0 1484.4 1483.9 1483.4 1483.1 1482.6 1482.6 1482.5 1482.2 1481.6	1284.4 1359.0 1435.1 1512.6 1591.6 1672.0 1753.8 1837.0 1921.7 2007.6	38.8 15.6 18.8 22.9 6.5 9.1 33.7 7.3 36.6 11.9
400.0 410.0 420.0 430.0 440.0 450.0 460.0 480.0 490.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1	6.277 6.180 6.131 5.980 5.984 5.831 5.753 5.621 5.506 5.454	6.242 6.144 6.095 5.943 5.866 5.792 5.714 5.582 5.466 5.413	34.019 34.023 34.026 34.035 34.045 34.045 34.060 34.063 34.068	26.747 26.763 26.771 26.798 26.809 26.824 26.837 26.862 26.878 26.888	28.578 28.641 28.696 28.769 28.827 28.888 28.948 29.020 29.083 29.139	26.742 26.758 26.767 26.793 26.804 26.819 26.832 26.857 26.883	134.5 133.0 132.3 129.8 128.8 127.5 126.3 123.9 122.4 121.5	8.866 9.000 9.132 9.264 9.393 9.521 9.648 9.774 9.897 10.019	.00000000000000000000000000000000000000	1481.4 1481.2 1481.2 1480.7 1480.6 1480.5 1480.3 1480.0 1479.7 1479.6	2095.0 2183.6 2273.6 2273.6 2364.9 2457.4 2551.3 2646.3 2742.7 2840.3 2939.0	10.2 9.0 10.1 33.0 24.2 20.1 28.5 36.1 12.7 21.8
500.0 510.0 520.0 530.0 550.0 550.0 570.0 580.0	496.9 506.9 516.8 526.7 536.6 546.5 556.4 566.4 576.3	5.359 5.318 5.269 5.220 5.141 5.056 5.017 4.915 4.880 4.852	5.318 5.276 5.227 5.177 5.098 5.012 4.972 4.870 4.835 4.806	34.085 34.092 34.098 34.107 34.117 34.126 34.132 34.148 34.155 34.162	26.913 26.923 26.934 26.947 26.964 26.981 26.991 27.015 27.025 27.033	29.211 29.268 29.324 29.384 29.448 29.512 29.567 29.639 29.695 29.749	26.908 26.918 26.929 26.942 26.959 26.976 26.986 27.010 27.020 27.028	119.2 118.3 117.4 116.2 114.6 113.0 112.1 109.8 109.0 108.3	10.139 10.258 10.376 10.493 10.608 10.722 10.835 10.945 11.054 11.163	.00	1479.4 1479.4 1479.4 1479.4 1479.2 1479.1 1479.1 1478.8 1478.9 1478.9	3039.0 3140.1 3242.5 3345.9 3450.6 3556.3 3663.2 3771.2 3880.2 3990.3	17.7 17.1 4.8 19.1 26.4 5.3 27.6 12.1 5.3 27.6
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0 690.0	596.1 606.0 615.9 625.8 635.7 645.6 665.5 675.4 685.3	4.765 4.728 4.693 4.652 4.612 4.599 4.580 4.557 4.537	4.718 4.680 4.644 4.603 4.563 4.548 4.529 4.505 4.485 4.447	34.174 34.188 34.197 34.213 34.222 34.227 34.235 34.248 34.255 34.267	27.052 27.068 27.079 27.096 27.108 27.113 27.122 27.135 27.142 27.156	29.815 29.877 29.935 29.998 30.057 30.107 30.162 30.221 30.225 30.335	27.047 27.063 27.073 27.091 27.103 27.107 27.116 27.129 27.137 27.150	106.5 105.1 104.1 102.5 101.4 101.1 100.3 99.1 98.5 97.3	11.271 11.377 11.481 11.584 11.686 11.788 11.888 11.988 11.988 12.087 12.185	.00	1478.7 1478.8 1478.8 1478.8 1478.8 1478.9 1479.0 1479.1 1479.2 1479.2	4101.5 4213.8 4327.0 4441.3 4556.6 4673.0 4790.3 4908.6 5027.8 5148.1	20.3 17.0 29.0 9.7 12.3 8.3 3.3 17.3 9.7 11.8
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.462 4.437 4.414 4.379 4.367 4.357 4.328 4.317 4.287 4.270	4.408 4.383 4.359 4.324 4.310 4.300 4.270 4.258 4.228 4.210	34.275 34.284 34.302 34.314 34.323 34.336 34.342 34.346 34.352 34.360	27.166 27.177 27.193 27.207 27.215 27.227 27.227 27.235 27.239 27.247 27.256	30.392 30.448 30.511 30.571 30.625 30.682 30.737 30.787 30.841 30.896	27.160 27.171 27.187 27.201 27.209 27.221 27.229 27.233 27.241 27.249	96.3 95.4 93.9 92.7 92.0 91.0 90.3 90.0 89.3 88.5	12.282 12.377 12.472 12.566 12.658 12.750 12.840 12.931 13.020 13.109	0000000000	1479.3 1479.4 1479.5 1479.6 1479.7 1479.8 1479.9 1479.9	5269.3 5391.4 5514.5 5638.5 5763.4 5889.2 6015.9 6143.5 6272.0 6401.4	15.0 5.4 21.5 19.4 3.9 7.4 8.3 4.8 19.7 6.6
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.223 4.188 4.155 4.122 4.092 4.063 4.042 4.035 4.024 4.003	4.163 4.127 4.094 4.060 4.029 4.000 3.978 3.969 3.958 3.937	34.367 34.370 34.373 34.381 34.387 34.396 34.402 34.406 34.409 34.420	27.265 27.272 27.278 27.288 27.296 27.306 27.313 27.317 27.320 27.331	30.952 31.005 31.057 31.113 31.168 31.224 31.277 31.327 31.376 31.433	27.259 27.265 27.272 27.281 27.289 27.299 27.306 27.310 27.313 27.325	87.6 87.0 86.5 85.6 84.9 84.0 83.1 82.9 81.9	13.197 13.285 13.371 13.457 13.543 13.627 13.711 13.794 13.877 13.959	.00000000000000000000000000000000000000	1480.0 1480.1 1480.1 1480.2 1480.2 1480.2 1480.3 1480.4 1480.6 1480.7	6531.6 6662.7 6794.7 6927.5 7061.1 7195.6 7330.9 7467.0 7603.9 7741.6	12.1 3.0 7.2 11.3 5.1 3.6 1.9 4.5 2.2 2.8
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	3.985 3.984 3.983 3.981 3.976 3.966 3.926 3.895 3.886	3.918 3.915 3.915 3.914 3.910 3.905 3.894 3.853 3.822 3.812	34.426 34.427 34.426 34.427 34.429 34.431 34.434 34.434 34.452 34.453	27.338 27.339 27.339 27.339 27.341 27.343 27.347 27.361 27.369 27.370	31.486 31.533 31.578 31.624 31.671 31.720 31.769 31.830 31.884 31.931	27.331 27.332 27.332 27.332 27.334 27.336 27.339 27.354 27.361 27.363	81.3 81.4 81.5 81.4 81.3 81.0 79.7 79.0 78.9	14.041 14.122 14.204 14.285 14.367 14.448 14.529 14.609 14.689 14.768	.0	1480.8 1480.9 1481.1 1481.2 1481.6 1481.7 1481.7 1481.7	7880.2 8019.5 8159.7 8300.6 842.4 8584.9 8728.2 8872.4 9017.3 9163.0	2.8 -1.6 -1.0 6.4 1.4 10.5 15.2 1 5.8

Station	46	Latitude	32° 16.	04'N	Longitu	de 127°	14.97'W	01	May 1991	GMT 18	:07	Bottom	1060 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	sv m/s	TF m ³ /s ²	N ² 10 ⁶ /s ²
1000.0 1020.0 1040.0	992.1 1011.9 1031.7	3.861 3.651 3.531	3.787 3.576 3.455	34.458 34.477 34.487	27.377 27.413 27.433	31.984 32.116 32.231	27.369 27.406 27.426	78.3 74.6 72.6	14.846 15.000 15.147	.0	1481.9 1481.4 1481.2	9309.4 9604.6 9902.7	10.5 15.4

Station	47	Latitude	32. 18.	58'N	Longit	ude 127°	14.02'W	01	May 1991	GMT 19	:45	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.030 15.028 15.016 14.980 14.953 14.620 14.453 14.375 14.375	15.030 15.027 15.013 14.975 14.612 14.444 14.368 14.344 14.205	33.159 33.159 33.158 33.165 33.185 33.184 33.187 33.198 33.189	24.548 24.548 24.551 24.557 24.657 24.657 24.710 24.723 24.746	24.548 24.592 24.639 24.691 24.746 24.878 24.957 25.020 25.077 25.145	24.548 24.551 24.558 24.568 24.655 24.690 24.708 24.721 24.743	337.9 338.1 338.1 337.7 336.9 328.9 325.9 324.4 323.4 321.5	.000 .338 .676 1.014 1.352 1.686 2.013 2.338 2.662 2.985	00000000000	1505.2 1505.4 1505.5 1505.6 1504.8 1504.4 1504.4 1504.1	1.7 6.7 15.2 26.9 42.1 60.5 82.2 107.1 135.2	2.8 8.0 19.7 29.7 66.8 27.9 10.6 11.8 67.7
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.1	13.293 11.672 11.075 10.760 10.197 10.035 9.856 9.572 9.380 9.124	13.280 11.659 11.061 10.745 10.181 10.019 9.838 9.554 9.360 9.104	33.125 33.066 33.090 33.163 33.171 33.197 33.296 33.364 33.3446 33.559	24.886 25.151 25.278 25.390 25.494 25.541 25.649 25.749 25.749 25.973	25.330 25.643 25.817 25.975 26.125 26.218 26.371 26.517 26.58 26.833	24.883 25.148 25.276 25.388 25.491 25.538 25.646 25.746 25.746 25.970	308.4 283.1 271.1 260.5 250.8 246.5 236.4 227.0 218.1 206.0	3.300 3.598 3.875 4.138 4.394 4.642 4.883 5.114 5.337 5.549	00000000000	1501.1 1493.8 1492.9 1491.0 1490.6 1490.3 1489.5 1489.0	166.5 200.9 238.0 277.9 320.4 365.3 412.7 462.4 514.4 568.5	98.3 204.8 249.2 42.2 27.1 103.8 125.2 45.5 101.4
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.8 248.8 258.7 268.6 278.6 288.5	8.865 8.770 8.693 8.693 8.592 8.432 8.124 7.936 7.807	8.844 8.748 8.675 8.579 8.567 8.406 8.098 7.780 7.780	33.702 33.754 33.817 33.884 33.917 33.965 33.990 33.996 34.000	26.127 26.183 26.243 26.310 26.338 26.400 26.466 26.499 26.521 26.551	27.033 27.134 27.240 27.353 27.426 27.534 27.647 27.727 27.725 27.872	26.123 26.179 26.239 26.306 26.334 26.396 26.462 26.462 26.495 26.517 26.547	191.5 186.4 180.9 174.6 172.2 166.4 160.2 157.1 155.1	5.747 5.936 6.118 6.295 6.469 6.638 6.801 6.959 7.116 7.269	0000000000	1487.8 1487.6 1487.6 1487.5 1487.7 1487.3 1486.3 1485.8 1485.4	624.7 682.8 742.7 804.4 867.8 932.9 999.6 1068.0 1137.9 1209.3	162.2 90.8 70.6 21.3 61.5 68.5 26.8 13.3 43.9
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.4 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	7.524 7.309 7.223 7.080 6.921 6.819 6.786 6.704 6.685 6.518	7.495 7.279 7.193 7.049 6.890 6.787 6.753 6.671 6.651 6.483	34.021 34.007 34.003 34.006 34.007 34.017 34.017 34.025 34.033 34.021	26.579 26.598 26.607 26.629 26.648 26.666 26.678 26.678 26.704 26.717	27.945 28.011 28.066 28.135 28.201 28.264 28.323 28.386 28.441 28.501	26.575 26.594 26.603 26.625 26.644 26.661 26.674 26.691 26.700 26.712	149.8 148.1 147.3 145.2 143.5 141.9 140.8 138.6 137.4	7.421 7.569 7.717 7.864 8.008 8.151 8.292 8.432 8.571 8.709		1484.7 1484.0 1483.8 1483.4 1483.0 1482.7 1482.8 1482.6 1482.7 1482.2	1282.3 1356.7 1432.6 1510.0 1588.8 1669.0 1750.6 1833.6 1918.0 2003.7	35.8 1.5 3.9 25.5 26.9 9.9 3.5 7.3 15.2
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1 487.0	6.466 6.236 6.070 5.997 5.784 5.698 5.586 5.545	6.430 6.200 6.034 5.960 5.819 5.746 5.659 5.547 5.505	34.023 34.022 34.026 34.028 34.037 34.044 34.048 34.056 34.059 34.070	26.726 26.755 26.779 26.790 26.815 26.829 26.843 26.862 26.886	28.555 28.632 28.704 28.761 28.833 28.894 28.954 29.021 29.075 29.137	26.721 26.750 26.774 26.785 26.810 26.824 26.838 26.858 26.865 26.865	136.7 133.9 131.6 130.6 128.2 126.9 125.7 123.8 123.2 121.7	8.846 8.981 9.114 9.245 9.374 9.502 9.628 9.753 9.877 9.999		1482.2 1481.4 1480.9 1480.8 1480.4 1480.3 1480.1 1479.8 1479.8	2090.9 2179.3 2269.1 2360.2 2452.6 2546.2 2641.1 2737.3 2834.6 2933.2	35.7 30.7 15.1 25.1 32.9 12.1 17.1 11.5 20.0 7.4
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	496.9 506.9 516.8 526.7 536.5 546.5 556.4 576.3 576.3	5.431 5.379 5.311 5.188 5.191 5.063 5.010 4.972 4.895 4.877	5.389 5.337 5.269 5.145 5.147 5.019 4.966 4.927 4.849 4.831	34.080 34.100 34.111 34.122 34.130 34.134 34.139 34.154 34.172	26.900 26.917 26.930 26.954 26.962 26.983 26.993 27.001 27.022 27.038	29.198 29.261 29.321 29.392 29.446 29.514 29.570 29.625 29.692 29.754	26.895 26.912 26.925 26.949 26.957 26.978 26.988 26.988 27.017 27.033	120.5 119.0 117.7 115.5 114.8 112.8 111.9 111.2 109.3 107.8	10.120 10.240 10.358 10.474 10.590 10.703 10.816 10.927 11.037 11.146	.00	1479.7 1479.6 1479.3 1479.4 1479.1 1479.0 1479.1 1478.9 1479.0	3033.0 3134.0 3236.1 3339.4 3443.8 3549.4 3656.1 3763.9 3872.7 3872.7	5.1 2.7 34.4 24.7 23.2 9.7 7.4 3.9 13.8 2.1
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.7 645.7 655.5 675.4 685.3	4.869 4.778 4.755 4.728 4.708 4.663 4.663 4.607 4.582 4.553	4.821 4.730 4.707 4.678 4.658 4.612 4.582 4.555 4.530 4.499	34.190 34.195 34.211 34.225 34.236 34.245 34.255 34.263 34.270 34.270	27.054 27.067 27.083 27.097 27.108 27.121 27.132 27.141 27.149 27.159	29.816 29.876 29.938 29.998 30.055 30.114 30.171 30.227 30.281 30.337	27.049 27.062 27.077 27.092 27.103 27.115 27.126 27.135 27.143 27.153	106.4 105.2 103.8 102.5 101.6 100.5 99.4 98.6 97.9 97.0	11.253 11.359 11.463 11.566 11.669 11.770 11.870 11.968 12.067 12.164	.00000000000000000000000000000000000000	1479.2 1479.0 1479.1 1479.1 1479.2 1479.2 1479.3 1479.4 1479.4	4093.7 4205.8 4318.9 4433.0 4548.1 4664.3 4781.4 4899.5 5018.6 5138.6	15.0 17.0 2.1 16.2 10.3 5.9 11.5 10.6 6.2 15.3
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 734.7 754.6 764.5 774.4 784.3	4.530 4.508 4.478 4.429 4.394 4.380 4.355 4.316 4.280 4.238	4.476 4.453 4.423 4.372 4.337 4.323 4.297 4.257 4.221 4.178	34.285 34.294 34.304 34.312 34.315 34.330 34.338 34.342 34.346 34.346	27.167 27.177 27.188 27.200 27.206 27.220 27.228 27.236 27.243 27.243	30.391 30.447 30.504 30.563 30.615 30.675 30.729 30.784 30.837 30.888	27.161 27.171 27.181 27.194 27.200 27.213 27.222 27.230 27.237 27.242	96.4 95.6 94.6 93.5 92.9 91.7 91.0 89.6 89.6	12.261 12.357 12.452 12.546 12.640 12.732 12.823 12.914 13.004 13.094	0000000000	1479.6 1479.6 1479.7 1479.7 1479.7 1479.8 1479.9 1479.9 1479.9	5259.6 5381.5 5504.4 5628.2 5752.9 5878.6 6005.1 6132.5 6260.9 6390.1	6.5 2.1 11.5 6.2 9.8 12.6 5.1 17.7
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.196 4.178 4.167 4.144 4.129 4.102 4.078 4.048 4.021 4.005	4.135 4.117 4.105 4.082 4.066 4.038 4.013 3.983 3.955 3.938	34.355 34.360 34.363 34.368 34.376 34.384 34.387 34.389 34.394 34.403	27.259 27.265 27.269 27.275 27.283 27.293 27.297 27.302 27.309 27.318	30.946 30.998 31.048 31.100 31.154 31.210 31.261 31.312 31.365 31.420	27.253 27.258 27.262 27.268 27.276 27.286 27.291 27.296 27.302 27.311	84.9 84.5 83.9	13.182 13.270 13.358 13.445 13.531 13.617 13.702 13.787 13.871 13.955	0000000000	1479.9 1480.0 1480.1 1480.2 1480.3 1480.4 1480.4 1480.5 1480.5	6520.2 6651.1 6782.9 6915.6 7049.1 7183.5 7318.7 7454.7 7591.6 7729.3	9.5 6.9 8.6 16.0 10.4 2.5 4.5
900.0 910.0 920.0 930.0 940.0 950.0 960.0 980.0 990.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	3.999 3.974 3.925 3.893 3.865 3.829 3.829 3.806 3.762 3.733	3.932 3.906 3.856 3.824 3.795 3.759 3.758 3.734 3.690 3.660	34.407 34.414 34.416 34.425 34.428 34.433 34.436 34.440 34.440	27.321 27.330 27.336 27.347 27.352 27.360 27.362 27.368 27.375 27.383	31.469 31.524 31.577 31.634 31.685 31.739 31.788 31.840 31.894 31.948	27.314 27.323 27.329 27.340 27.345 27.355 27.355 27.361 27.368 27.376	82.1 81.5 80.5 80.1 79.4 79.2 78.7 78.0	14.038 14.120 14.202 14.283 14.363 14.443 14.523 14.680 14.680	0000000000	1480.8 1480.9 1480.8 1480.9 1480.9 1480.9 1481.1 1481.2 1481.2	7867.8 8007.1 8147.2 8288.1 8429.9 8572.4 8715.6 8859.7 9004.5 9150.1	3.4 6.6 5.4 6.9 1.9 14.2 6.9 4.6 11.3

Station	47	Latitude	32° 18.	58'N	Longitu	de 127°	14.02'W	01	May 1991	GMT 19	: 45	Bottom	2500 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma _0	Sigma-z			Dyn.Ht	LTR	sv	TF	N ²
ďb	m	·c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	J/kg	0/0	m/s	m ³ /s ²	10 ⁶ /s ²
1000.0 1020.0	992.1 1011.9	3.716 3.685	3.642	34.453	27.388	31.999	27.381	76.9	14.835	.0	1481.3	9296.4	3.7
1040.0	1031.7	3.626	3.610 3.550	34.459 34.466	27.395 27.407	32.098 32.202	27.388 27.400	76.3 75.2	14.988 15.139	.0	1481.5 1481.6	9591.4 9889.3	2.6 9.0
1060.0	1051.5	3.574	3.496	34.480	27.423	32.311	27.415	73.8	15.288	.ŏ	1481.7	10190.2	6.7
1080.0 1100.0	1071.2 1091.0	3.544 3.484	3.466 3.405	34.485 34.491	27.430	32.410	27.422	73.2	15.436	.0	1481.9	10493.9	4.3
1120.0	1110.8	3.461	3.380	34.494	27.441 27.446	32.513 32.610	27.433 27.438	72.2 71.9	15.581 15.725	.0	1482.0 1482.3	10800.6 11110.0	1.1
1140.0	1130.6	3.437	3.354	34.499	27.452	32.708	27.444	71.4	15.868	.ŏ	1482.5	11422.3	2.0
1160.0 1180.0	1150.3 1170.1	3.402 3.376	3.318 3.291	34.504 34.506	27.460 27.463	32.808	27.452	70.7	16.010	٠.	1482.7	11737.3	5.3
1200.0	1189.8					32,904	27.455	70.4	16.151	.0	1482.9	12055.2	2.6
1220.0	1209.6	3.352 3.299	3.265 3.211	34.508 34.513	27.468 27.477	33.000 33.101	27.459 27.469	70.1 69.3	16.292 16.431	.0	1483.1 1483.3	12375.7 12699.0	2.1 6.2
1240.0	1229.4	3.254	3.165	34.518	27.485	33.202	27.477	68.5	16.569	:ŏ	1483.4	13025.0	6.5
1260.0 1280.0	1249.1	3.217	3.126	34.523	27.493	33.302	27.484	67.9	16.705	.0	1483.6	13353.7	8.8
1300.0	1268.9 1288.6	3.177 3.131	3.085 3.038	34.527 34.530	27.500 27.506	33.401 33.500	27.491 27.498	67.2 66.6	16.840	٠,٥	1483.7	13685.1	2.7
1320.0	1308.4	3.088	2.994	34.531	27.511	33.597	27.503	66.1	16.974 17.107	.0	1483.9 1484.0	14019.0 14355.6	2.4 3.6
1340.0	1328.1	3.052	2.956	34.535	27.518	33.696	27.509	65.5	17.238	.0	1484.2	14694.7	2.1
1360.0 1380.0	1347.9 1367.6	3.013 2.990	2.917 2.892	34.542 34.542	27.527 27.530	33.797 33.892	27.518 27.521	64.8	17.369	٠,٥	1484.4	15036.4	2.7
1400.0	1387.3	2.931	2.832	34.548	27.539			64.6	17.498	.0	1484.6	15380.6	2.4
1420.0	1407.1	2.891	2.791	34.548	27.545	33.995 34.092	27.531 27.536	63.6 63.0	17.626 17.753	.0	1484.7 1484.9	15727.3 16076.5	1.6 2.2
1440.0	1426.8	2.877	2.775	34.553	27.548	34.187	27.539	62.8	17.879	ŏ	1485.2	16428.1	2:5
1460.0 1480.0	1446.6	2.839	2.736	34.555	27.554	34.285	27.545	62.3	18.004	.0	1485.3	16782.2	2.2
1500.0	1466.3 1486.0	2.812 2.772	2.707 2.667	34.556 34.561	27.557 27.565	34.380 34.479	27.548 27.555	62.0 61.3	18.128 18.252	٠.	1485.5	17138.7	7
1520.0	1505.8	2.745	2.638	34.563	27.569	34.576	27.560	61.0	18.374	.0	1485.7 1485.9	17497.7 17859.0	1.0 6.3
1540.0	1525.5	2.707	2.599	34.566	27.574	34.674	27.565	60.4	18.496	.0	1486.1	18222.7	1.6
1560.0 1580.0	1545.2 1564.9	2.677 2.644	2.568 2.533	34.569 34.571	27.580 27.584	34.770	27.570	59.9	18.616	.0	1486.3	18588.7	5.2
1600.0						34.867	27.575	59.5	18.736	.0	1486.5	18957.1	1.1
1620.0	1584.7 1604.4	2.613 2.585	2.501 2.471	34.575 34.576	27.590 27.593	34.964 35.059	27.580 27.583	59.0	18.854	٠,٥	1486.7	19327.8	5.2
1640.0	1624.1	2.568	2.453	34.577	27.596	35.153	27.586	58.7 58.5	18.972 19.089	.0	1486.9 1487.2	19700.8 20076.0	.8 3.5
1660.0	1643.8	2.541	2.425	34.579	27.600	35,249	27.590	58.2	19.205	.ŏ	1487.4	20453.5	
1680.0 1700.0	1663.5 1683.3	2.517 2.490	2.399 2.371	34.581 34.583	27.604	35.344	27.594	57.8	19.322	.0	1487.6	20833.3	4.1
1720.0	1703.0	2.450	2.330	34.587	27.608 27.614	35.440 35.539	27.598 27.604	57.4 56.8	19.437 19.551	.0	1487.9 1488.0	21215.3 21599.6	6 1.5
1740.0	1722.7	2.430	2.309	34.589	27.617	35.633	27.607	56.5	19.664	.ŏ	1488.3	21986.0	2.9
1760.0	1742.4	2.412	2.290	34.589	27.619	35.727	27.609	56.4	19.777	.0	1488.5	22374.7	1.5
1780.0	1762.1	2.373	2.249	34.594	27.626	35.826	27.616	55.6	19.889	.0	1488.7	22765.5	6.5
1800.0 1820.0	1781.8 1801.5	2.347 2.337	2.222 2.210	34.595 34.597	27.629	35.920	27.619	55.4	20.000	.0	1488.9	23158.5	1.2
1840.0	1821.2	2.304	2.177	34.599	27.632 27.636	36.013 36.110	27.621 27.626	55.2 54.7	20.111 20.221	.o .o	1489.2 1489.4	23553.6 23950.9	7.4
1860.0	1840.9	2.272	2.144	34.603	27.642	36.208	27.632	54.1	20.329	.ŏ	1489.6	24350.3	1.6
1880.0 1900.0	1860.6	2.248	2.118	34.607	27.647	36.304	27.637	53.7	20.437	.0	1489.8	24751.7	1.9
1920.0	1880.3 1900.0	2.212 2.191	2.081 2.058	34.610 34.611	27.653 27.655	36.402 36.495	27.642 27.644	53.1 52.9	20.544 20.650	.0	1490.0 1490.3	25155.3 25560.9	2.4
1940.0	1919.7	2,180	2.046	34.611	27.657	36.588	27.646	52.8	20.050	:ŏ	1490.5	25968.5	2.2
1960.0 1980.0	1939.3 1959.0	2.170 2.155	2.034	34.612	27.658	36.680	27.647	52.7	20.861	.0	1490.9	26378.2	2.2
			2.018	34.614	27.661	36.774	27.650	52.4	20.966	.0	1491.1	26789.9	1.4
2000.0 2050.0	1978.7 2027.9	2.138 2.095	1.999 1.953	34.617 34.620	27.665 27.671	36.868 37.101	27.654 27.659	52.1	21.071	٠٥	1491.4	27203.7	2.2
2098.0	2075.1	2.066	1.920	34.623	27.676	37.324	27.664	51.6 51.2	21.331 21.578	.0	1492.0 1492.7	28246.9 29260.0	1.1

Station	48	Latitude	32. 21.	99'N	Longit	ude 127°	11.89'W	01	May 1991	GMT 21	1:47	Bottom	4175 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.079 15.065 15.040 15.007 14.578 14.415 14.189 14.117 14.211	15.079 15.063 15.037 15.003 14.572 14.408 14.180 14.107 14.200 14.207	33.182 33.179 33.176 33.182 33.180 33.150 33.146 33.176 33.193	24.554 24.558 24.561 24.566 24.663 24.721 24.733 24.737 24.749	24.554 24.602 24.649 24.840 24.918 24.986 25.044 25.147	24.554 24.558 24.560 24.566 24.662 24.719 24.731 24.735 24.746	337.2 337.1 337.2 337.0 328.0 325.1 323.1 322.1 322.1	.000 .338 .675 1.012 1.346 1.672 1.996 2.318 2.640 2.962	0000000000	1505.4 1505.5 1505.6 1505.7 1504.5 1503.5 1503.4 1503.9 1504.1	1.7 6.7 15.1 26.9 41.9 60.2 81.7 106.3	20.6 .7 9.5 128.3 27.9 29.6 11.7 16.7
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.1	14.034 13.250 11.538 10.995 10.592 10.322 9.757 9.341 9.183 9.001	14.020 13.235 11.523 10.980 10.576 10.305 9.739 9.322 9.163 8.981	33.200 33.153 33.043 33.088 33.132 33.232 33.298 33.477 33.547 33.584	24.793 24.916 25.158 25.291 25.396 25.521 25.667 25.875 25.955 26.013	25.236 25.405 25.696 25.875 26.025 26.196 26.389 26.769 26.769	24.790 24.913 25.155 25.288 25.393 25.518 25.664 25.872 25.952 26.009	317.3 305.7 282.6 270.0 260.2 248.5 234.7 215.0 207.5 202.2	3.282 3.594 3.885 4.162 4.428 4.685 4.926 5.150 5.361 5.567	00000000000	1503.7 1501.2 1495.3 1493.6 1492.4 1491.7 1489.9 1488.8 1488.4 1488.0	165.3 199.6 236.8 276.9 319.6 365.0 412.8 462.9 515.2 569.5	74.1 241.7 95.3 83.8 82.8 206.9 92.6 182.8 31.1 82.6
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.8 238.8 248.8 258.7 268.6 278.6 288.5	8.805 8.708 8.656 8.536 8.466 8.345 8.264 8.085 7.907	8.784 8.686 8.633 8.512 8.441 8.320 8.237 8.057 7.879 7.658	33.689 33.819 33.890 33.944 33.963 33.974 33.984 33.992 34.004	26.126 26.243 26.306 26.368 26.393 26.420 26.441 26.474 26.510 26.542	27.032 27.195 27.304 27.410 27.482 27.555 27.621 27.700 27.783 27.862	26.122 26.239 26.303 26.364 26.389 26.416 26.437 26.470 26.506 26.538	191.6 180.7 174.8 169.2 166.9 164.4 162.6 159.6 156.3 153.3	5.763 5.948 6.126 6.297 6.465 6.630 6.794 6.794 7.113	0000000000	1487.5 1487.6 1487.6 1487.3 1487.3 1486.8 1486.8 1485.8	625.8 684.0 744.0 805.7 869.2 934.2 1000.9 1069.2 1139.0 1210.5	126.5 46.5 45.7 43.3 17.8 18.1 31.0 43.5 25.6 27.7
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.4 308.4 318.3 328.2 338.2 348.1 358.0 367.9 377.9 387.8	7.555 7.351 7.199 7.047 6.853 6.692 6.616 6.498 6.398 6.274	7.526 7.321 7.169 7.016 6.822 6.660 6.584 6.465 6.364 6.239	34.004 34.003 34.001 34.000 34.007 34.009 34.010 34.013 34.019	26.560 26.589 26.609 26.656 26.656 26.695 26.710 26.726 26.747	27.926 28.002 28.062 28.135 28.209 28.283 28.341 28.403 28.465 28.533	26.556 26.585 26.604 26.625 26.652 26.679 26.690 26.706 26.722 26.742	151.6 148.9 147.1 145.3 142.7 140.2 139.2 137.7 136.3 134.4	7.419 7.569 7.717 7.863 8.007 8.148 8.288 8.426 8.563 8.699		1484.8 1484.2 1483.7 1483.3 1482.7 1482.1 1481.8 1481.6 1481.2	1283.4 1357.8 1433.7 1511.1 1589.8 1670.0 1751.6 1834.6 1918.9 2004.6	15.3 21.2 34.3 10.9 28.4 22.2 9.6 21.3 10.8 38.0
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0 490.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1 487.0	6.109 6.039 5.974 5.900 5.777 5.728 5.675 5.576 5.541 5.491	6.075 6.003 5.938 5.863 5.740 5.690 5.636 5.537 5.501	34.030 34.033 34.033 34.043 34.049 34.055 34.068 34.077 34.084	26.777 26.786 26.796 26.806 26.829 26.840 26.851 26.874 26.885 26.896	28.610 28.666 28.722 28.778 28.848 28.905 28.963 29.032 29.089 29.147	26.772 26.782 26.792 26.801 26.824 26.835 26.846 26.869 26.880 26.892	131.5 130.7 129.8 129.0 126.8 125.9 124.9 122.8 121.8 120.8	8.832 8.963 9.094 9.223 9.351 9.477 9.603 9.727 9.849 9.970	0000000000	1480.8 1480.6 1480.5 1480.1 1480.1 1480.0 1479.8 1479.8	2091.6 2179.9 2269.5 2360.3 2545.9 2640.6 2736.4 2833.5 2931.8	41.2 6.6 7.2 6.6 13.6 16.2 19.2 37.9 8.6 25.0
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	496.9 506.9 516.8 526.7 536.6 546.5 556.4 566.3 576.3	5.449 5.436 5.402 5.366 5.143 5.091 5.013 4.952 4.904 4.859	5.408 5.393 5.359 5.323 5.100 5.047 4.968 4.907 4.858 4.812	34.090 34.093 34.109 34.117 34.123 34.127 34.127 34.137 34.144 34.151 34.164	26.906 26.910 26.927 26.938 26.969 26.995 27.008 27.019 27.034	29.203 29.253 29.316 29.373 29.452 29.508 29.572 29.631 29.689 29.750	26.901 26.906 26.922 26.933 26.963 26.972 26.990 27.002 27.013 27.028	120.0 119.6 118.1 117.2 114.2 113.4 111.7 110.6 109.6 108.2	10.090 10.210 10.329 10.447 10.563 10.677 10.789 10.900 11.011 11.120	.0000000000	1479.8 1479.9 1480.0 1480.0 1479.2 1479.2 1479.1 1479.0 1479.0	3031.3 3132.0 3233.8 3336.8 3441.0 3546.3 3652.7 3760.2 3868.9 3978.5	1.0 18.6 2.2 24.1 30.8 15.9 12.1 21.1 21.1
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0	596.1 606.0 615.9 625.8 635.7 645.6 655.5 665.5 675.4 685.3	4.815 4.772 4.741 4.698 4.635 4.609 4.600 4.608 4.600 4.569	4.768 4.724 4.692 4.649 4.558 4.558 4.549 4.556 4.557 4.515	34.173 34.178 34.189 34.197 34.207 34.219 34.235 34.253 34.267 34.273	27.046 27.055 27.067 27.079 27.093 27.106 27.120 27.133 27.145 27.153	29.809 29.864 29.923 29.980 30.041 30.100 30.160 30.219 30.277 30.331	27.041 27.050 27.062 27.073 27.088 27.100 27.114 27.127 27.139 27.147	107.1 106.3 105.2 104.2 102.9 101.7 100.5 99.4 98.3 97.7	11.227 11.334 11.440 11.545 11.648 11.751 11.852 11.952 12.051 12.149	.000000000	1478.9 1478.9 1479.0 1479.0 1478.9 1479.0 1479.1 1479.3 1479.5	4089.3 4201.1 4314.0 4427.9 4542.8 4658.8 4775.7 4893.6 5012.5 5132.4	13.2 10.0 13.8 10.0 17.6 23.8 10.6 13.6
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 734.7 754.6 764.5 774.4 784.3	4.523 4.503 4.463 4.458 4.436 4.394 4.358 4.323 4.307 4.279	4.469 4.448 4.408 4.402 4.379 4.337 4.300 4.264 4.247 4.219	34.286 34.292 34.299 34.310 34.314 34.318 34.319 34.328 34.334 34.334	27.169 27.175 27.186 27.195 27.201 27.208 27.213 27.224 27.230 27.240	30.393 30.445 30.503 30.557 30.669 30.663 30.715 30.772 30.824 30.880	27.163 27.169 27.180 27.189 27.195 27.202 27.207 27.218 27.224 27.224	96.2 95.7 94.7 94.0 93.5 92.8 91.4 90.9 90.0	12.245 12.342 12.437 12.531 12.624 12.717 12.810 12.902 12.993 13.083	0000000000	1479.5 1479.6 1479.6 1479.8 1479.9 1479.9 1479.9 1479.9 1480.0 1480.1	5253.2 5375.0 5497.7 5621.4 5746.0 5871.5 5997.9 6125.2 6253.4 6382.5	6.8 14.2 13.0 7.4 7.1 4.8 16.5 3.9 3.9
800.0 810.0 820.0 830.0 840.0 850.0 870.0 880.0 890.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.302 4.253 4.224 4.191 4.177 4.165 4.114 4.065 4.032	4.241 4.191 4.162 4.128 4.113 4.100 4.055 4.049 3.999 3.966	34.358 34.371 34.380 34.386 34.392 34.394 34.399 34.400 34.403 34.407	27.251 27.266 27.276 27.284 27.291 27.294 27.302 27.304 27.311 27.318	30.935 30.998 31.054 31.108 31.161 31.210 31.265 31.312 31.366 31.420	27.244 27.260 27.270 27.278 27.285 27.287 27.295 27.297 27.304 27.311	89.2 87.7 86.8 85.3 85.3 84.5 83.8 83.2	13.173 13.262 13.349 13.435 13.521 13.607 13.691 13.776 13.860 13.944	.00000000000000000000000000000000000000	1480.3 1480.4 1480.4 1480.5 1480.6 1480.6 1480.8 1480.7	6512.5 6643.4 6775.1 6907.7 7041.1 7175.3 7310.4 7486.4 7583.1 7720.7	19.8 9.5 8.3 5.4 8.4 11.9 2.5 7 8.1
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.3 982.2	4.007 3.965 3.960 3.930 3.911 3.904 3.859 3.858 3.816	3.940 3.897 3.891 3.861 3.841 3.833 3.787 3.785 3.753 3.742	34.410 34.415 34.422 34.426 34.433 34.433 34.433 34.435 34.435	27.323 27.331 27.332 27.341 27.346 27.352 27.357 27.359 27.367 27.374	31.471 31.525 31.572 31.627 31.679 31.730 31.782 31.829 31.829 31.884 31.936	27.316 27.324 27.325 27.334 27.339 27.345 27.350 27.350 27.352 27.360 27.367	82.7 82.0 82.0 81.2 80.7 80.3 79.8 79.7 79.0	14.027 14.109 14.191 14.273 14.354 14.434 14.514 14.594 14.673 14.752	0000000000	1480.8 1480.8 1481.0 1481.1 1481.2 1481.2 1481.4 1481.4	7859.1 7998.3 8138.3 8279.1 8420.8 8563.2 8706.4 8850.3 8995.1 9140.6	4.0 7.8 6.3 7.5 1.7 4.6 8.7 12.8

Station	48	Latitude	32° 21.	99'N	Longitu	de 127°	11.89'W	01	May 1991	GMT 21	: 47	Bottom	4175 m
Pres. db	Depth	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z	Sigma-t	Delta 10 ⁸ m ³ /kg	Dyn.Ht	LTR	sv m/s	TF m ³ /s ²	N ² 10 ⁶ /s ²
1000.0	m 992.1	3.795	3.721	34.453	27.379	kg/m ³ 31.988	kg/m ³ 27.372	77.9	14.830	0/0 .0	1481.6	9286.9	9.3 6.7
1020.0 1040.0	1011.9 1031.7	3.753 3.692	3.678 3.616	34.459 34.466	27.389 27.400	32.090 32.194	27.382 27.393	77.1 76.0	14.985 15.138	.0	1481.8 1481.9	9581.8 9879.7	6.7 2.3
1060.0	1051.5	3.609	3,531	34.470	27.412	32.299	27.404	74.9	15.289	.0	1481.9	10180.5	8.1
1080.0 1100.0	1071.2 1091.0	3.555 3.507	3.476 3.427	34.476 34.489	27.422 27.437	32.402 32.509	27.414 27.429	74.0 72.6	15.437 15.584	.0	1482.0 1482.1	10484.3 10791.0	6.1 3.2
1120.0	1110.8	3.478	3.397	34.495	27.445	32.609	27.437	72.0	15.729	.0	1482.3	11100.5	5.2
1140.0	1130.6	3.431	3.348	34.504	27.456	32.713	27.448	71.0	15.872	.0	1482.5	11412.8	6.1
1160.0 1180.0	1150.3 1170.1	3.385 3.328	3.302 3.243	34.506 34.511	27.462 27.472	32.811 32.914	27.455 27.464	70.4 69.5	16.013 16.153	.0	1482.6 1482.7	11728.0 12045.8	3.5 5.6
1200.0	1189.8	3.281	3.195	34.514	27.479	33.013	27.471	68.9	16.291	.0	1482.9	12366.4	2.3
1220.0 1240.0	1209.6 1229.4	3.235 3.184	3.148 3.096	34.519 34.522	27.487 27.495	33.114 33.214	27.479 27.486	68.1 67.4	16.428 16.564	.0	1483.0 1483.1	12689.6 13015.6	4.7 1.2
1260.0	1249.1	3.145	3.056	34.525	27.501	33.312	27.492	66.9	16.698	.0	1483.3	13344.1	6.8
1280.0	1268.9	3.106	3.015	34.527	27.507	33.410	27.498	66.4	16.832	.0	1483.4	13675.3	3.3
1300.0 1320.0	1288.6 1308.4	3.075 3.053	2.983 2.960	34.530 34.532	27.511 27.515	33.507 33.602	27.503 27.507	66.0 65.7	16.964 17.096	.0	1483.6 1483.9	14009.1 14345.4	5 8
1340.0	1328.1	3.019	2.924	34.535	27.521	33.701	27.513	65.1	17.226	.ŏ	1484.1	14684.3	.4
1360.0	1347.9	2.992	2.895	34.537	27.525	33.796	27.516	64.9	17.357	.0	1484.3	15025.7	2.1
1380.0	1367.6	2.961	2.864	34.539	27.529	33.893	27.520	64.5	17.486	.0	1484.5	15369.7	1.3
1400.0 1420.0	1387.3 1407.1	2.925 2.890	2.826 2.790	34.544 34.546	27.537 27.542	33.992 34.089	27.528 27.533	63.8 63.3	17.615 17.742	.0	1484.7 1484.9	15716.2 16065.1	1.9 1.0
1440.0	1426.8	2.857	2.756	34.550	27.548	34.187	27.539	62.8	17.868	:ŏ	1485.1	16416.6	2.5
1460.0	1446.6	2.830	2.727	34.551	27.551	34.283	27.542	62.5	17.993	.0	1485.3	16770.4	3.9
1480.0 1500.0	1466.3 1486.0	2.807 2.777	2.703	34.554 34.559	27.556	34.379	27.547	62.1	18.117	٠.	1485.5	17126.8 17485.5	7.8
1520.0	1505.8	2.744	2.672 2.637	34.563	27.562 27.569	34.477 34.575	27.553 27.559	61.6 61.0	18.241 18.364	.0 .0	1485.7 1485.9	17846.6	1.0 4.6
1540.0	1525.5	2.716	2.608	34.564	27.572	34.671	27.563	60.7	18.485	.ŏ	1486.1	18210.1	1.4
1560.0	1545.2	2.682	2.573	34.567	27.578	34.768	27.568	60.1	18.606	.0	1486.3	18575.9	3.7
1580.0	1564.9	2.655	2.545	34.569	27.581	34.863	27.572	59.8	18.726	.0	1486.5	18944.1	2.6
1600.0 1620.0	1584.7 1604.4	2.633 2.607	2.521 2.494	34.571 34.573	27.585 27.589	34.959 35.055	27.576 27.580	59.5 59.2	18.845 18.964	.0	1486.8 1487.0	19314.6 19687.4	8 6
1640.0	1624.1	2.575	2.461	34.576	27.594	35.152	27.584	58.7	19.082	.ŏ	1487.2	20062.5	2.6
1660.0	1643.8	2.555	2.439	34.578	27.597	35.246	27.587	58.4	19.199	.0	1487.5	20439.9	6
1680.0	1663.5	2.531	2.414	34.579	27.601	35.341	27.591	58.1	19.315	٥.	1487.7	20819.6	3.2
1700.0 1720.0	1683.2 1702.9	2.497 2.457	2.379 2.338	34.583 34.585	27.607 27.612	35.439 35.537	27.597 27.602	57.6 57.0	19.431 19.546	.0	1487.9 1488.0	21201.5 21585.6	3.2 5.0
1740.0	1722.7	2.430	2.309	34.587	27.616	35.632	27.606	56.6	19.659	.ŏ	1488.3	21972.0	3
1760.0	1742.4	2.399	2.277	34.591	27.622	35.729	27.611	56.1	19.772	.0	1488.5	22360.5	3.3
1780.0 1800.0	1762.1 1781.8	2.375 2.364	2.252	34.593 34.594	27.625 27.627	35.825	27.615	55.8	19.884	.0	1488.7	22751.2	.0
1820.0	1801.5	2.332	2.205	34.597	27.632	35.917 36.014	27.617 27.622	55.7 55.1	19.995 20.106	.0 .0	1489.0 1489.2	23144.1 23539.1	5.9 5
1840.0	1821.2	2.296	2.168	34.598	27.636	36.111	27.626	54.7	20.216	.ŏ	1489.4	23936.3	4.5
1860.0	1840.9	2.263	2.134	34.603	27.643	36.209	27.632	54.1	20.324	٠.	1489.6	24335.6	8.3
1880.0 1900.0	1860.6 1880.3	2.243 2.225	2.113 2.093	34.604 34.607	27.646 27.649	36.303 36.398	27.635 27.639	53.8 53.5	20.432 20.540	.0	1489.8 1490.1	24736.9 25140.4	3.3 3.3
1920.0	1900.0	2.210	2.077	34.608	27.652	36.491	27.641	53.3	20.646	:ŏ	1490.3	25545.9	3.4
1940.0	1919.7	2.185	2.051	34.611	27.656	36.586	27.645	52.9	20.753	.0	1490.6	25953.5	5.1
1960.0 1980.0	1939.3 1959.0	2.164 2.145	2.028 2.008	34.613 34.614	27.659 27.662	36.681 36.775	27.648 27.651	52.6 52.3	20.858 20.963	.0	1490.8 1491.1	26363.1 26774.7	1.1
2000.0	1978.7	2.128	1.990	34.616	27.665	36.869	27.654	52.1	21.067	.0	1491.3	27188.4	
2050.0	2027.9	2.090	1.948	34.619	27.671	37.102	27.660	51.6	21.326	.0	1492.0	28231.4	.5
2098.0	2075.1	2.053	1.907	34.623	27.677	37.326	27.665	51.1	21.573	.0	1492.7	29244.3	.0

Station	49	Latitude	32° 28.	61'N	Longit	ude 127°	08.81'W	01	May 1991	GMT 23	:55	Bottom	4430 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	-	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	14.853 14.848 14.852 14.698 14.430 14.377 14.393 14.393 14.258	14.853 14.846 14.849 14.694 14.548 14.422 14.368 14.383 14.320 14.245	33.052 33.052 33.052 33.120 33.197 33.206 33.221 33.247 33.254	24.503 24.504 24.509 24.680 24.713 24.736 24.753 24.772 24.781	24.503 24.549 24.592 24.722 24.857 24.934 25.002 25.063 25.126 25.179	24.503 24.504 24.503 24.588 24.679 24.712 24.734 24.751 24.770 24.778	342.1 342.2 342.6 334.8 326.4 323.5 321.6 320.3 318.8 318.2	.000 .342 .685 1.025 1.356 1.681 2.004 2.325 2.644 2.963		1504.5 1504.7 1504.6 1504.4 1504.2 1504.2 1504.4 1504.4	.0 1.7 6.8 15.3 27.2 42.3 60.7 82.2 107.0 134.9	.0 .4 11.8 149.7 108.4 14.4 35.2 12.7 15.9
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.1	14.412 14.456 12.103 11.227 10.535 10.005 9.629 9.444 9.334 9.393	14.398 14.440 12.088 11.211 10.518 9.989 9.611 9.426 9.315 9.372	33.303 33.347 33.146 33.111 33.127 33.158 33.312 33.455 33.572 33.701	24.793 24.818 25.133 25.268 25.402 25.516 25.699 25.841 25.950 26.042	25.236 25.304 25.670 25.851 26.032 26.193 26.421 26.609 26.764 26.900	24.790 24.815 25.131 25.265 25.399 25.513 25.696 25.837 25.837 26.038	317.3 315.3 285.1 272.3 259.6 248.8 231.6 218.3 208.0 199.6	3.280 3.597 3.896 4.174 4.439 4.693 4.935 5.161 5.373 5.577	00000000000	1505.0 1505.4 1497.4 1494.5 1492.2 1490.5 1489.5 1489.0 1489.6	166.0 200.2 237.6 277.7 320.6 366.0 413.9 464.1 516.5 570.9	9.8 260.1 204.4 132.4 99.8 74.8 181.3 164.6 78.8 40.2
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.6 278.6 288.5	9.344 9.196 9.141 9.015 8.878 8.791 8.633 8.574 8.395 8.185	9.322 9.174 9.117 8.990 8.852 8.764 8.606 8.546 8.366 8.155	33.753 33.827 33.843 33.908 33.940 33.987 34.023 34.032 34.064 34.068	26.090 26.173 26.194 26.265 26.312 26.362 26.415 26.432 26.484 26.519	26.994 27.122 27.189 27.305 27.398 27.494 27.593 27.655 27.754 27.835	26.087 26.169 26.190 26.261 26.308 26.358 26.411 26.427 26.480 26.515	195.2 187.5 185.7 179.1 174.8 170.2 165.3 165.3 153.9	5.774 5.966 6.153 6.335 6.513 6.686 6.855 7.019 7.181 7.338	0000000000	1489.6 1489.3 1489.3 1489.1 1488.8 1488.7 1488.3 1488.2 1487.8 1487.1	627.4 685.7 745.9 808.0 871.8 937.4 1004.7 1073.6 1144.1 1216.2	19.7 25.3 21.1 54.2 67.4 31.9 24.3
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	7.807 7.645 7.682 7.448 6.988 7.082 6.902 6.750 6.482	7.777 7.615 7.651 7.416 6.957 7.050 6.869 6.756 6.716	34.040 34.041 34.065 34.061 34.003 34.036 34.036 34.033	26.552 26.577 26.591 26.622 26.639 26.656 26.678 26.678 26.712 26.731	27.917 27.988 28.047 28.124 28.191 28.252 28.321 28.383 28.448 28.515	26.548 26.573 26.587 26.617 26.635 26.651 26.673 26.688 26.707 26.727	152.5 150.2 149.1 146.3 144.4 143.1 141.0 139.6 138.0	7.492 7.643 7.793 7.940 8.086 8.229 8.371 8.512 8.651 8.788		1485.8 1485.4 1485.7 1484.9 1483.2 1483.3 1483.3 1483.0 1483.0	1289.9 1365.0 1441.7 1519.8 1680.3 1762.7 1846.5 1931.7 2018.3	29.5 12.4 4.6 17.4 4.1 29.0 11.1 24.9 10.5 20.7
400.0 410.0 420.0 430.0 440.0 450.0 460.0 480.0 490.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1 487.0	6.418 6.147 6.009 5.997 5.995 6.092 5.883 5.880 5.641	6.383 6.112 5.973 5.960 5.957 6.053 5.844 5.839 5.600	34.045 34.038 34.030 34.051 34.070 34.110 34.099 34.123 34.136 34.116	26.749 26.779 26.790 26.808 26.823 26.843 26.860 26.878 26.890 26.904	28.580 28.657 28.715 28.779 28.840 28.904 28.969 29.033 29.033	26.745 26.774 26.785 26.804 26.818 26.838 26.855 26.873 26.885 26.885	134.4 131.5 130.5 128.9 127.6 126.0 124.2 122.7 121.7	8.923 9.056 9.187 9.316 9.445 9.572 9.697 9.820 9.943 10.064		1482.0 1481.1 1480.7 1480.8 1481.0 1481.6 1480.9 1481.2 1481.3 1480.5	2106.2 2195.4 2285.9 2377.7 2470.8 2565.1 2660.7 2757.5 2855.5	30.1 30.9 11.9 3.1 3.4 17.8 12.5 6.0 9.9
500.0 510.0 520.0 530.0 540.0 550.0 570.0 580.0 590.0	496.9 506.8 516.8 526.7 536.6 546.5 556.3 576.3 586.2	5.683 5.489 5.524 5.520 5.450 5.386 5.346 5.277 5.256	5.641 5.447 5.481 5.476 5.405 5.414 5.339 5.299 5.208	34.142 34.132 34.154 34.168 34.170 34.188 34.191 34.198 34.197 34.209	26.919 26.935 26.948 26.960 26.970 26.983 26.995 27.005 27.005 27.024	29.213 29.277 29.335 29.393 29.449 29.508 29.566 29.623 29.676 29.734	26.914 26.929 26.943 26.955 26.964 26.978 26.989 26.999 27.007 27.018	119.0 117.5 116.4 115.3 114.5 113.4 112.3 111.4 110.8 109.7	10.183 10.301 10.418 10.534 10.649 10.763 10.876 10.988 11.099 11.210	.00	1480.8 1480.2 1480.5 1480.7 1480.6 1480.8 1480.7 1480.7 1480.5 1480.6	3055.2 3156.7 3259.5 3363.4 3468.4 3574.6 3681.8 3790.2 3899.7 4010.3	11.9 6.3 4.8 14.8 13.3 15.1 13.9 12.5 4.8 13.0
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.7 645.6 655.5 675.4 685.3	5.251 5.145 5.107 4.991 5.008 4.990 4.946 4.908 4.840 4.825	5.202 5.096 5.057 4.941 4.957 4.938 4.893 4.855 4.786 4.770	34.225 34.230 34.237 34.240 34.261 34.270 34.278 34.284 34.286 34.293	27.038 27.054 27.064 27.080 27.094 27.104 27.115 27.124 27.133 27.141	29.794 29.857 29.913 29.977 30.036 30.092 30.149 30.205 30.261 30.314	27.032 27.048 27.059 27.074 27.088 27.098 27.109 27.118 27.128 27.135	102.5 101.5 100.7 99.8	11.319 11.427 11.533 11.639 11.743 11.846 11.948 12.049 12.149	.00000000000000000000000000000000000000	1480.8 1480.5 1480.6 1480.3 1480.5 1480.6 1480.6 1480.6 1480.5 1480.6	4122.0 4234.7 4348.5 4463.3 4579.2 4696.0 4813.9 4932.8 5052.7 5173.6	9.8 19.5 10.7 11.0 17.1 15.7 15.4 8.9 14.5
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.793 4.727 4.688 4.665 4.609 4.548 4.471 4.454 4.434 4.435	4.737 4.671 4.631 4.608 4.552 4.490 4.413 4.394 4.374	34.305 34.314 34.315 34.328 34.331 34.335 34.335 34.345 34.346	27.154 27.169 27.174 27.187 27.195 27.205 27.213 27.223 27.227 27.236	30.373 30.435 30.487 30.545 30.600 30.657 30.712 30.768 30.818 30.872	27.148 27.163 27.168 27.180 27.189 27.199 27.207 27.217 27.220 27.229	96.7 96.2 95.1 94.4 93.4 92.6 91.7 91.5	12.348 12.445 12.542 12.637 12.732 12.826 12.918 13.011 13.102 13.193	0000000000	1480.7 1480.6 1480.6 1480.7 1480.5 1480.4 1480.5 1480.6 1480.7	5295.4 5418.2 5542.0 5666.7 5792.3 5918.8 6046.3 6174.7 6434.0	11.6 16.8 9.5 4.0 8.1 13.6 3.9 7.2 3.7 7.8
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.378 4.318 4.274 4.216 4.202 4.179 4.139 4.139 4.129 4.034 4.018	4.316 4.256 4.212 4.153 4.115 4.074 4.063 3.968 3.952	34.366 34.372 34.378 34.388 34.388 34.397 34.398 34.399 34.407	27.248 27.255 27.264 27.276 27.280 27.287 27.287 27.299 27.301 27.311 27.320	30.932 30.985 31.041 31.099 31.149 31.203 31.261 31.309 31.367 31.421	27.242 27.249 27.258 27.269 27.273 27.280 27.292 27.294 27.304 27.313	88.9 88.1 87.0 86.6 86.0 84.9 84.8 83.7	13.283 13.373 13.461 13.548 13.635 13.721 13.807 13.892 13.976 14.060	.00000000000000000000000000000000000000	1480.7 1480.6 1480.6 1480.5 1480.7 1480.7 1480.7 1480.8 1480.6 1480.7	6565.3 6697.2 6830.1 6963.7 7098.3 7233.7 7369.9 7507.0 7644.9 7783.6	6.3 8.6 11.0 5.7 8.1 4.3 13.9
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.3 982.2	3.998 3.962 3.937 3.932 3.902 3.877 3.842 3.816 3.808 3.785	3.931 3.895 3.869 3.852 3.833 3.806 3.771 3.744 3.735 3.712	34.410 34.412 34.416 34.427 34.427 34.437 34.437 34.444 34.447	27.324 27.330 27.335 27.341 27.347 27.354 27.361 27.370 27.374 27.379	31.472 31.524 31.576 31.627 31.680 31.733 31.787 31.842 31.891 31.942	27.317 27.323 27.329 27.334 27.340 27.347 27.354 27.363 27.367 27.372	82.1 81.6 81.2 80.6 80.0 79.3 78.5 78.3	14.143 14.225 14.307 14.388 14.469 14.529 14.629 14.708 14.786 14.865	0000000000	1480.8 1480.9 1481.0 1481.1 1481.1 1481.2 1481.2 1481.4	7923.2 8063.5 8204.7 8346.6 8632.9 8777.3 8922.4 9068.2 9214.9	10.1 5.6 6.3 6.3 5.8 1.9 14.0 7.8

Station	49	Latitude	32° 28.	61'N	Longitu	ide 127°	08.81'W	01	May 1991	GMT 23	3:55	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t		Dyn. Ht	LTR	sv	TF	N ²
				0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	J/kg	0/0	m/s	m ³ /s ²	10 ⁶ /s ²
1000.0 1020.0	992.1 1011.9	3.763 3.713	3.689	34.454	27.383	31.993	27.376 27.387	77.5	14.942	.0	1481.5	9362.3	7.8
1040.0	1031.7	3.670	3.637 3.594	34.461 34.467	27.394	32.096	27.387	76.5	15.096	.0	1481.6	9659.4	8.7
1060.0	1051.5	3.601	3.523	34.477	27.403 27.418	32.197 32.305	27.396	75.7	15.248	.0	1481.8	9959.4	4.6
1080.0	1071.2	3.556	3.477	34.482	27.427	32.406	27.411 27.419	74.3 73.6	15.398 15.546	.0	1481.8 1482.0	10262.5 10568.4	9.9 1.7
1100.0	1091.0	3,527	3.447	34.485	27.432	32.503	27.424	73.2	15.693	:0	1482.2	10877.3	9
1120.0	1110.8	3.483	3.402	34.490	27.440	32.604	27.432	72.5	15.839	.ŏ	1482.4	11188.9	1.7
1140.0	1130.6	3.437	3.354	34.496	27.450	32.706	27.442	71.6	15.983	.ŏ	1482.5	11503.5	3.5
1160.0	1150.3	3,403	3.319	34.499	27.455	32.804	27.447	71.1	16.125	.0	1482.7	11820.8	5.3
1180.0	1170.1	3.352	3.267	34.505	27.465	32.906	27.457	70.2	16.267	.0	1482.8	12140.9	8.2
1200.0	1189.8	3.319	3.232	34.508	27.471	33.004	27.462	69.8	16.407	.0	1483.0	12463.7	7.3
1220.0 1240.0	1209.6	3.276	3.188	34.511	27.477	33.102	27.469	69.2	16.546	.0	1483.2	12789.3	4.4
1260.0	1229.4 1249.1	3.232 3.195	3.143	34.514	27.484	33.201	27.475	68.6	16.684	.0	1483.3	13117.6	2.7
1280.0	1268.9	3.166	3.105	34.515	27.488	33.298	27.480	68.2	16.821	.0	1483.5	13448.5	4.4
1300.0	1288.6	3.127	3.075 3.034	34.516 34.519	27.492 27.498	33.394	27.483	67.9	16.957	.0	1483.7	13782.1	1.5
1320.0	1308.4	3.099	3.005	34.521	27.502	33.492	27.489	67.4	17.092	.0	1483.9	14118.4	5.3
1340.0	1328.1	3.068	2.973	34.523	27.507	33.588 33.685	27.493	67.1	17.227	.0	1484.1	14457.3	1.8
1360.0	1347.9	3.038	2.942	34.526	27.512	33.782	27.498 27.503	66.6 66.2	17.361 17.494	.0	1484.3 1484.5	14798.8	3.9
1380.0	1367.6	3.012	2.914	34.527	27.515	33.877	27.506	66.0	17.626	.0	1484.7	15142.9 15489.6	1.8 3.3
1400.0	1387.3	2.988	2.888	34.530	27.520	33.973	27.511	65.6					
1420.0	1407.1	2.962	2.861	34.532	27.524	34.069	27.515	65.2	17.757 17.888	.0	1484.9 1485.2	15838.9 16190.7	4.2
1440.0	1426.8	2.933	2.831	34.536	27.530	34.167	27.521	64.7	18.018	:0	1485.4	16545.1	3.1
1460.0	1446.6	2.909	2.805	34.537	27.533	34.262	27.524	64.4	18.147	.ŏ	1485.6	16902.0	1.6
1480.0	1466.3	2.880	2.775	34.543	27.540	34.360	27.531	63.8	18.276	.ŏ	1485.8	17261.4	1.6
1500.0	1486.0	2.859	2.752	34.545	27.544	34.456	27.535	63.5	18.403	.ŏ	1486.1	17623.3	4.0
1520.0	1505.8	2.838	2.730	34.549	27.549	34.552	27.540	63.1	18.530	.ŏ	1486.3	17987.6	1.4
1540.0	1525.5	2.802	2.693	34.554	27.557	34.652	27.547	62.4	18.655	.ŏ	1486.5	18354.4	4.6
1560.0	1545.2	2.782	2.671	34.559	27.562	34.749	27.553	62.0	18.780	.0	1486.7	18723.7	3.2
1580.0	1564.9	2.733	2.621	34.562	27.569	34.848	27.560	61.2	18.903	.0	1486.9	19095.3	1.4
1600.0	1584.7	2.703	2.590	34.566	27.575	34.946	27.565	60.7	19.025	.0	1487.1	19469.3	4.6
1620.0	1604.4	2.676	2.562	34.567	27.578	35.041	27.568	60.5	19.146	.ŏ	1487.3	19845.7	2.6
1640.0	1624.1	2.644	2.528	34.571	27.584	35.139	27.574	59.9	19.267	.0	1487.5	20224.5	.9
1660.0	1643.8	2.616	2.500	34.574	27.589	35.235	27.579	59.5	19.386	.0	1487.7	20605.5	4.4
1680.0 1700.0	1663.5	2.592	2.474	34.576	27.593	35.331	27.583	59.1	19.504	.0	1488.0	20988.9	2.9
1720.0	1683.3 1703.0	2.560	2.441	34.579	27.599	35.428	27.588	58.6	19.622	.0	1488.1	21374.5	3.8
1740.0	1722.7	2.534 2.508	2.413 2.386	34.580	27.601	35.522	27.591	58.3	19.739	٥.	1488.4	21762.5	.0
1760.0	1742.4	2.483	2.360	34.583 34.586	27.606 27.611	35.619	27.596	57.9	19.855	.0	1488.6	22152.6	5.0
1780.0	1762.1	2.462	2.337	34.588	27.615	35.715 35.810	27.600	57.5	19.971	۰.0	1488.8	22545.1	3.0
1800.0	1781.8	2.434	2.308				27.604	57.1	20.085	.0	1489.1	22939.7	.7
1820.0	1801.5	2.400	2.308	34.590 34.592	27.618 27.623	35.905	27.608	56.8	20.199	.0	1489.3	23336.6	5.1
1840.0	1821.2	2.362	2.273 2.234	34.594	27.628	36.002 36.099	27.612 27.617	56.3	20.312	۰,٥	1489.5	23735.7	3.9
1860.0	1840.9	2.326	2.196	34.596	27.632	36.195	27.622	55.8 55.3	20.424	.õ	1489.7 1489.8	24136.9	2.1
1880.0	1860.6	2.299	2.169	34.598	27.636	36.291	27.625	54.9	20.535	.0	1489.8	24540.3 24945.9	3.0
1900.0	1880.3	2.273	2.141	34.601	27.641	36.387	27.630	54.5	20.755	.ŏ	1490.3	25353.5	1.0 5.4
1920.0	1900.0	2.248	2.115	34.604	27.645	36.482	27.634	54.1	20.864	.ŏ	1490.5	25763.3	1.9
1940.0	1919.7	2.221	2.086	34.606	27.649	36.578	27.638	53.7	20.972	.ŏ	1490.7	26175.2	1.0
1960.0	1939.3	2.194	2.058	34.608	27.653	36.673	27.642	53.3	21.079	.ŏ	1490.9	26589.1	1.9
1980.0	1959.0	2.162	2.025	34.612	27.659	36.771	27.648	52.7	21.185	.o	1491.1	27005.2	2.5
2000.0	1978.7	2.143	2.004	34.613	27.661	36.864	27.650	52.5	21.290	.0	1491.4	27423.2	4
2050.0	2027.9	2.103	1.960	34.616	27.667	37.09B	27.656	52.0	21.551	.0	1492.1	28477.2	3.2
2100.0 2104.0	2077.1	2.047	1.901	34.621	27.676	37.334	27.665	51.1	21.809	.0	1492.7	29543.6	4.7
2104.0	2081.0	2.043	1.897	34.622	27.677	37.353	27.666	51.0	21.829	.0	1492.7	29629.5	.0

Station	50	Latitude	32° 42.	12'N	Longit	ude 127°	01.92'W	01	May 1991	GMT 2	:46	Bottom	4375 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma -0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	14.958 14.961 14.961 14.558 14.377 14.403 14.441 14.439 14.639	14.958 14.960 14.958 14.907 14.552 14.370 14.394 14.431 14.427 14.626	33.236 33.262 33.269 33.231 33.228 33.259 33.259 33.2591 33.324 33.429	24.622 24.640 24.642 24.658 24.705 24.741 24.760 24.803 24.842	24.622 24.684 24.730 24.791 24.882 24.962 25.026 25.087 25.157 25.240	24.622 24.640 24.642 24.657 24.704 24.740 24.758 24.775 24.801 24.839	330.8 329.3 329.5 328.2 324.0 320.9 319.4 318.0 315.8 312.5	.000 .330 .660 .988 1.314 1.636 1.956 2.275 2.592 2.906	00000000000	1505.1 1505.3 1505.5 1504.5 1504.0 1504.3 1504.8 1505.8	.0 1.6 6.6 14.8 26.3 41.0 58.8 79.9 104.2 131.5	.0 4.8 7.2 18.0 34.0 34.6 6.8 18.2 27.9 26.5
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.1	14.670 13.722 11.979 11.147 10.856 9.999 9.820 9.376 9.222 9.128	14.655 13.706 11.964 11.131 10.840 9.882 9.802 9.802 9.357 9.202 9.107	33.476 33.377 33.268 33.223 33.359 33.341 33.392 33.430 33.520 33.616	24.872 24.995 25.251 25.369 25.527 25.660 25.730 25.730 25.928 26.018	25.314 25.482 25.788 25.952 26.155 26.337 26.452 26.601 26.742 26.878	24.869 24.992 25.249 25.366 25.524 25.657 25.727 25.727 25.925 26.015	309.9 298.4 273.8 262.7 247.9 235.2 228.7 219.1 210.1	3.217 3.521 3.806 4.074 4.327 4.567 4.800 5.025 5.240 5.446	0000000000	1506.1 1503.0 1497.2 1494.4 1493.7 1490.3 1490.3 1488.8 1488.5	162.0 195.6 232.1 271.3 313.1 357.3 403.9 452.8 503.8 556.9	80.1 230.2 130.5 185.1 102.5 18.9 112.6 136.2 140.3 49.2
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 218.9 228.9 238.8 248.8 258.7 268.6 278.6 288.5	9.060 9.001 8.911 8.828 8.753 8.560 8.489 8.362 8.362 8.364	9.039 8.978 8.888 8.804 8.727 8.534 8.462 8.335 8.298 8.135	33.741 33.828 33.892 33.925 33.943 33.981 33.996 34.014 34.027 34.030	26.126 26.204 26.268 26.308 26.334 26.393 26.416 26.450 26.456 26.492	27.031 27.155 27.264 27.349 27.421 27.526 27.595 27.674 27.736 27.809	26.123 26.201 26.264 26.304 26.330 26.389 26.412 26.445 26.445 26.488	191.7 184.4 178.6 175.0 172.6 167.1 165.1 162.0 158.3	5.644 5.831 6.013 6.190 6.363 6.532 6.698 6.862 7.023 7.183	0000000000	1488.6 1488.5 1488.4 1488.3 1487.8 1487.7 1487.7	612.1 669.1 727.9 788.6 850.9 915.0 980.7 1048.1 1117.0 1187.6	125.7 47.2 23.8 60.9 72.9 3.8 49.8 20.4 16.6
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.4 308.4 318.3 328.2 338.1 348.1 358.0 367.9 377.9 387.8	8.129 8.019 8.060 7.937 7.779 7.454 7.386 7.194 6.960 6.863	8.099 7.988 8.028 7.904 7.745 7.420 7.351 7.159 6.925 6.826	34.044 34.056 34.101 34.111 34.079 34.080 34.088 34.088 34.086	26.509 26.534 26.564 26.590 26.606 26.635 26.646 26.678 26.705 26.723	27.871 27.942 28.017 28.089 28.151 28.228 28.285 28.365 28.365 28.365	26.504 26.530 26.559 26.585 26.601 26.630 26.641 26.674 26.6700 26.718	156.9 154.6 152.0 149.6 148.2 145.4 144.4 141.3 137.2	7.340 7.495 7.649 7.800 7.948 8.095 8.383 8.523 8.661	0000000000	1487.1 1486.8 1487.2 1486.9 1486.4 1485.3 1485.3 1485.3 1483.9 1483.7	1259.7 1333.4 1408.6 1485.3 1563.5 1643.1 1724.2 1806.7 1890.6 1975.9	25.7 29.5 29.5 27.5 8.7 10.4 23.0 72.7 21.4
400.0 410.0 420.0 430.0 440.0 450.0 460.0 480.0 490.0	397.7 407.6 417.5 427.5 437.4 447.3 457.2 467.2 477.1	6.667 6.499 6.486 6.465 6.340 6.167 6.127 6.012	6.630 6.462 6.448 6.427 6.300 6.207 6.127 6.086 6.007 5.969	34.082 34.077 34.103 34.117 34.127 34.127 34.131 34.138 34.147	26.746 26.764 26.786 26.797 26.816 26.833 26.847 26.856 26.856	28.573 28.639 28.706 28.763 28.830 28.893 28.953 29.007 29.069 29.127	26.741 26.760 26.781 26.792 26.812 26.828 26.842 26.850 26.850	135.0 133.2 131.3 130.4 128.6 127.0 125.8 125.1 123.7	8.797 8.931 9.064 9.195 9.324 9.452 9.578 9.704 9.951	0000000000	1483.0 1482.5 1482.7 1482.8 1482.4 1482.2 1482.1 1482.1 1482.0 1482.0	2062.5 2150.5 2239.8 2330.4 2422.2 2515.4 2609.8 2705.4 2802.3 2900.4	23.4 22.8 10.5 40.4 7.0 19.6 1.7 6.4 20.1
500.0 510.0 520.0 530.0 550.0 560.0 570.0 580.0	496.9 506.8 516.8 526.7 536.6 546.5 556.4 566.3 576.2	5.975 5.849 5.778 5.740 5.489 5.486 5.401 5.401 5.367 5.126	5.932 5.805 5.734 5.695 5.444 5.440 5.363 5.353 5.353 5.078	34.157 34.164 34.167 34.167 34.148 34.158 34.170 34.186 34.192 34.171	26.895 26.917 26.927 26.933 26.948 26.956 26.975 26.988 26.988 26.997 27.009	29.185 29.254 29.311 29.363 29.427 29.481 29.546 29.605 29.660 29.722	26.890 26.911 26.922 26.927 26.943 26.951 26.969 26.983 26.983 26.983 27.004	121.6 119.6 118.6 118.2 116.5 115.9 114.2 113.0 112.3 110.9	10.073 10.194 10.313 10.431 10.548 10.664 10.779 10.892 11.005 11.116	000000000000000000000000000000000000000	1482.0 1481.7 1481.6 1481.6 1480.7 1480.9 1480.9 1480.9	2999.7 3100.2 3201.9 3304.7 3408.8 3513.9 3620.2 3727.7 3836.2 3945.8	21.0 7.8 2.6 23.1 4.0 28.0 8.7 8.1 13.1
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0 690.0	596.1 606.0 615.9 625.8 635.7 645.6 655.5 665.4 675.3	5.107 5.201 5.122 5.103 5.045 4.973 4.987 4.880 4.886 4.780	5.058 5.151 5.072 5.052 4.993 4.921 4.884 4.827 4.792 4.725	34.182 34.209 34.222 34.232 34.244 34.250 34.259 34.259 34.271 34.277	27.020 27.031 27.050 27.060 27.077 27.089 27.101 27.108 27.121 27.133	29.778 29.833 29.899 29.955 30.018 30.136 30.189 30.248 30.307	27.014 27.025 27.045 27.055 27.071 27.083 27.095 27.102 27.115 27.127	109.2 107.4 106.5 105.0 103.9 102.8 102.2	11.227 11.336 11.445 11.552 11.657 11.762 11.865 11.968 12.069 12.170		1480.2 1480.7 1480.6 1480.7 1480.5 1480.5 1480.5 1480.5 1480.5	4056.6 4168.4 4281.3 4395.3 4510.3 4626.3 4743.4 4861.4 4980.5 5100.6	6.6 8.7 14.2 10.7 13.0 13.3 14.2 15.7 20.4
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.8 734.8 744.7 754.6 764.5 774.4 784.3	4.760 4.721 4.679 4.599 4.593 4.670 4.530 4.522 4.579 4.523	4.704 4.665 4.623 4.542 4.535 4.611 4.471 4.462 4.518 4.461	34.285 34.290 34.290 34.312 34.333 34.336 34.334 34.350 34.355	27.142 27.150 27.155 27.163 27.182 27.191 27.200 27.207 27.214 27.225	30.362 30.416 30.468 30.523 30.587 30.640 30.698 30.751 30.802 30.860	27.136 27.144 27.149 27.157 27.176 27.184 27.194 27.201 27.208 27.218	98.4 98.0 97.5 95.5 95.0 93.9 93.3	12.269 12.368 12.466 12.564 12.660 12.756 12.850 12.944 13.037 13.130	.0000000000	1480.5 1480.5 1480.5 1480.3 1480.5 1481.0 1480.6 1480.7 1481.2 1481.1	5221.7 5343.7 5466.7 5590.7 5596.7 5841.4 5968.2 6096.0 6354.1	10.4 4.8 6.6 5.4 13.3 9.3 1.9 5.1 10.1
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.409 4.415 4.434 4.388 4.339 4.296 4.301 4.278 4.213 4.187	4.347 4.352 4.371 4.324 4.274 4.231 4.235 4.211 4.146 4.119	34.351 34.354 34.369 34.375 34.376 34.380 34.391 34.396 34.398 34.399	27.233 27.236 27.245 27.255 27.261 27.269 27.277 27.284 27.292 27.296	30.916 30.964 31.019 31.075 31.127 31.182 31.236 31.288 31.344 31.394	27.227 27.229 27.238 27.248 27.254 27.262 27.270 27.277 27.285 27.289	90.9 90.2 89.3 88.7 88.0 87.3 86.7 85.9	13.221 13.312 13.402 13.492 13.581 13.669 13.757 13.844 13.930 14.016	.00	1480.8 1481.0 1481.2 1481.2 1481.2 1481.2 1481.4 1481.4 1481.3 1481.4	6484.6 6615.9 6748.2 6881.3 7150.2 7285.9 7422.5 7698.2	2.2 2.5 12.2 4.0 12.2 6.0 7.8 16.3 2.2 6.9
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.5 962.4 972.3 982.2	4.164 4.133 4.105 4.067 4.042 4.015 3.980 3.956 3.936 3.889	4.096 4.064 4.036 3.996 3.971 3.943 3.908 3.883 3.862 3.815	34.407 34.413 34.421 34.421 34.427 34.429 34.429 34.437 34.441	27.305 27.313 27.319 27.326 27.331 27.337 27.342 27.350 27.356 27.365	31.449 31.503 31.555 31.609 31.762 31.763 31.818 31.869 31.925	27.298 27.305 27.311 27.319 27.324 27.329 27.334 27.343 27.348 27.357	84.1 83.6 82.9 82.5 82.0 81.5 80.8	14.101 14.186 14.269 14.353 14.435 14.517 14.599 14.680 14.761 14.841	.0	1481.5 1481.6 1481.6 1481.7 1481.7 1481.7 1481.8 1481.9 1481.9	7837.3 7977.3 8118.1 8259.7 8402.1 8545.3 8689.3 8834.1 8979.8 9126.1	2.0 9.6 9.9 4.3 3.7 2 11.9 5.9 5.2

Station	50	Latitude	32° 42.	12'N	Longitu	de 127°	01.92'W	01	May 1991	GMT	2:46	Bottom	4375 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t		Dyn.Ht	LTR	sv	m ³ /s ²	N ²
ďb	m	•c	,c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	J/kg	0/0			10 ⁶ /s ²
1000.0 1020.0	992.1 1011.9	3.849 3.803	3.775 3.727	34.447	27.369	31.976	27.361	79.0	14.920	.0	1481.9	9273.3	15.8
1040.0	1031.7	3.747	3.670	34.455 34.458	27.380 27.389	32.080 32.181	27.372 27.381	78.0 77.3	15.076 15.232	.0	1482.0 1482.1	9570.0 9869.7	6.1
1060.0	1051.4	3.696	3.618	34.468	27.402	32.286	27.394	76.1	15.385	.ŏ		10172.4	9.0
1080.0 1100.0	1071.2 1091.0	3.629	3.550	34.473	27.413	32.390	27.405	75.1	15.536	.0	1482.3	10478.2	3.2
1120.0	1110.8	3.574 3.492	3.493 3.411	34.475 34.476	27.420 27.428	32.490 32.592	27.412 27.421	74.4 73.5	15.686 15.834	-0		10786.8 11098.4	8.5 5.2
1140.0	1130.5	3.454	3.372	34.480	27.435	32.691	27.427	73.0	15.834	.0	1482.5	11412.8	5.2
1160.0	1150.3	3.408	3.324	34.484	27.443	32,791	27.435	72.3	16.126	.ŏ	1482./	11730.1	5.0
1180.0	1170.1	3.384	3.299	34.489	27.449	32.889	27.441	71.8	16.270	.0	1482.9	12050.2	.3
1200.0	1189.8	3.378	3.291	34.499	27.458	32,990	27.450	71.1	16.413	.0		12373.2	7.3
1220.0 1240.0	1209.6 1229.3	3.331 3.240	3.243 3.151	34.503 34.498	27.466	33.089	27.457	70.4	16.554	-0		12698.9	4.4
1260.0	1249.1	3.243	3.152	34.508	27.470 27.478	33.188 33.286	27.462 27.470	69.9 69.3	16.695 16.834	.0		13027.3 13358.5	4.1 4.7
1280.0	1268.8	3.190	3.098	34.508	27.483	33.384	27.475	68.8	16.972	.ŏ		13692.4	4.1
1300.0	1288.6	3.146	3.053	34.513	27.492	33.485	27.483	68.0	17.108	.ŏ	1483.9	14029.0	8.3
1320.0 1340.0	1308.3 1328.1	3.115 3.067	3.021 2.971	34.521 34.523	27.501	33.586	27.492	67.2	17.244	.0	1484.1	14368.2	3.0
1360.0	1347.8	3.036	2.939	34.528	27.507 27.514	33.685 33.784	27.498 27.505	66.6 66.0	17.378 17.510	.0	1484.3 1484.5	14710.0 15054.5	4.5 3.6
1380.0	1367.6	2.984	2.886	34.535	27.524	33.887	27.516	65.0	17.641	:ŏ		15401.5	3.3
1400.0	1387.3	2.956	2.857	34.539	27.530	33.984	27.521	64.6	17.771	.0	1484.8	15751.0	-1.4
1420.0	1407.1	2.914	2.814	34.543	27.537	34.083	27.528	63.9	17.899	.ŏ	1485.0	16103.1	2.2
1440.0 1460.0	1426.8 1446.5	2.880	2.779	34.546	27.543	34.181	27.534	63.4	18.027	.0	1485.2	16457.6	2.5
1480.0	1466.3	2.844 2.808	2.741 2.704	34.549 34.552	27.548 27.554	34.279 34.377	27.539 27.545	62.9 62.3	18.153 18.278	.0	1485.3 1485.5	16814.6 17174.1	3.1 1.6
1500.0	1486.0	2.763	2.658	34.555	27.560	34.476	27.551	61.7	18.402	.0	1485.7	17536.0	4.3
1520.0	1505.7	2.728	2.622	34.558	27.566	34.573	27.556	61.2	18.525	.0	1485.9	17900.3	2.8
1540.0 1560.0	1525.5 1545.2	2.704 2.687	2.596 2.577	34.560	27.570	34.669	27.560	60.9	18.647	.0	1486.1	18266.9	1.9
1580.0	1564.9	2.644	2.534	34.562 34.564	27.573 27.578	34.763 34.861	27.563 27.569	60.6 60.1	18.768 18.889	.0	1486.3 1486.5	18635.9 19007.3	2.0 3.7
1600.0	1584.6	2.613	2.501										
1620.0	1604.3	2.592	2.479	34.567 34.569	27.583 27.587	34.958 35.053	27.574 27.577	59.6 59.3	19.009 19.128	.0	1486.7 1486.9	19381.0 19757.1	2.6 3.5
1640.0	1624.1	2.556	2.442	34.571	27.592	35.150	27.582	58.8	19.246	.ŏ	1487.1	20135.4	.8
1660.0	1643.8	2.532	2.417	34.575	27.597	35.247	27.587	58.3	19.363	.0	1487.4	20516.0	8.2
1680.0 1700.0	1663.5 1683.2	2.510	2.393	34.579	27.602	35.343	27.592	57.9	19,479	.0	1487.6	20898.9	3.2
1720.0	1702.9	2.481 2.454	2.363 2.335	34.581 34.584	27.607 27.611	35.440 35.536	27.597 27.601	57.5 57.1	19.594 19.709	.0	1487.8 1488.0	21284.0	2.0
1740.0	1722.6	2.430	2.309	34.586	27.615	35.631	27.605	56.7	19.823	.0	1488.3	21671.4 22060.9	3.5 1.2
1760.0	1742.3	2.400	2.278	34.589	27.620	35.728	27.610	56.2	19.936	.ŏ	1488.5	22452.7	6.2
1780.0	1762.0	2.368	2.245	34.591	27.625	35.825	27.615	55.8	20.048	.0	1488.7	22846.6	4.7
1800.0 1820.0	1781.8 1801.4	2.331 2.313	2.207 2.187	34.595	27.631	35.922	27.620	55.2	20.159	.0	1488.9	23242.7	2.4
1840.0	1821.2	2.304	2.176	34.594 34.598	27.632 27.635	36.015 36.109	27.621 27.625	55.1 54.8	20.269 20.379	.0	1489.1 1489.4	23640.9	5
1860.0	1840.8	2.281	2.152	34.599	27.639	36.204	27.628	54.5	20.488	.0	1489.6	24041.3 24443.8	2 2.1
1880.0	1860.5	2.264	2.133	34.602	27.642	36.299	27.632	54.2	20.597	.0	1489.9	24848.4	2.8
1900.0 1920.0	1880.2 1899.9	2.233 2.211	2.102	34.603	27.646	36.394	27.635	53.9	20.705	.0	1490.1	25255.1	8
1940.0	1919.6	2.193	2.078 2.058	34.604 34.607	27.648 27.652	36.488 36.583	27.638 27.641	53.6 53.3	20.813 20.919	.0	1490.3 1490.6	25663.9 26074.7	1.0
1960.0	1939.3	2.177	2.041	34.609	27.655	36.677	27.644	53.0	21.026	.0	1490.9	26487.6	4 1.6
1980.0	1959.0	2.152	2.015	34.610	27.658	36.771	27.647	52.7	21.131	.ŏ	1491.1	26902.6	2.8
2000.0	1978.7	2.138	1.999	34.612	27.661	36.864	27.649	52.5	21.236	.0	1491.4	27319.5	2.8
2050.0 2096.0	2027.9 2073.1	2.085 2.038	1.942 1.893	34.616 34.621	27.669	37.100	27.657	51.7	21.497	.0	1492.0	28370.8	2.0
2050.0	20,3.1	2.030	1.093	34.021	27.677	37.317	27.665	51.0	21.734	.0	1492.6	29349.1	.0

Station	51	Latitude	32° 33.	.71'N	Longit	ude 126°	41.43'W	01	May 1991	GMT :	5:53	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-6 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /k	Dyn.Ht g J/kg	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.8 49.8 59.8 69.7 79.7	14.678 14.663 14.670 14.659 14.505 14.223 13.451 14.074 14.324 14.418	14.678 14.662 14.667 14.654 14.215 13.443 14.064 14.312 14.405	33.140 33.141 33.138 33.120 33.129 32.992 33.196 33.297 33.343	24.608 24.612 24.611 24.631 24.721 24.750 24.781 24.807 24.822	24.608 24.656 24.700 24.744 24.808 24.942 25.016 25.091 25.161 25.220	24.608 24.612 24.611 24.630 24.719 24.748 24.779 24.804 24.820	332.1 332.0 332.4 332.6 331.1 322.8 320.2 317.6 315.5 314.3	.000 .332 .664 .997 1.329 1.656 1.976 2.296 2.612 2.927		1504.1 1504.2 1504.4 1504.5 1504.1 1503.4 1500.9 1503.3 1504.4 1505.0	1.7 6.6 14.9 26.5 41.4 59.4 80.7 105.1 132.7	.0 .3 -1.4 .9 38.7 77.3 13.6 51.5 18.2 24.1
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.1	14.306 12.861 11.396 10.706 10.223 9.830 9.398 9.144 8.892 8.800	14.292 12.847 11.382 10.690 10.207 9.813 9.380 9.126 8.873 8.781	33.366 33.222 33.061 33.029 33.054 33.198 33.258 33.367 33.452	24.864 25.047 25.198 25.295 25.398 25.519 25.647 25.735 25.859 25.940	25.307 25.537 25.736 25.880 26.029 26.196 26.371 26.505 26.675 26.802	24.861 25.044 25.195 25.293 25.395 25.516 25.644 25.732 25.856 25.937	310.6 293.2 278.7 269.5 259.9 248.5 236.4 228.2 216.5 208.9	3.240 3.540 3.827 4.101 4.365 4.622 4.867 5.098 5.321 5.534	00000000000	1504.8 1500.0 1494.9 1492.5 1491.0 1489.8 1488.5 1487.1 1487.1	163.4 197.2 233.9 273.3 315.5 360.2 407.4 456.9 508.8 562.7	176.4 164.7 62.5 48.9 69.3 198.6 203.8 36.3 26.3 55.3
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.8 248.8 258.7 268.6 278.6 288.5	8.751 8.665 8.599 8.545 8.326 8.230 8.186 8.114 7.976 7.804	8.730 8.643 8.576 8.521 8.301 8.205 8.159 8.087 7.948 7.775	33.508 33.622 33.690 33.771 33.839 33.939 33.939 33.969 33.975 33.981	25.993 26.096 26.159 26.230 26.318 26.374 26.417 26.451 26.477 26.507	26.900 27.048 27.157 27.273 27.407 27.510 27.598 27.678 27.749 27.825	25.990 26.092 26.155 26.227 26.314 26.371 26.413 26.447 26.472 26.502	204.2 194.6 188.7 182.1 174.0 168.7 164.8 161.7 159.4 156.7	5.740 5.939 6.131 6.317 6.494 6.665 6.832 6.995 7.155 7.313	0000000000	1487.1 1487.1 1487.1 1486.6 1486.4 1486.5 1486.1 1486.1	618.8 676.8 736.8 798.7 862.3 927.7 994.8 1063.4 1133.7 1205.6	117.4 58.5 89.3 77.6 76.9 47.1 19.5 11.0 29.2 13.9
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.4 308.4 318.3 328.2 338.2 348.1 358.0 367.9 377.9	7.737 7.719 7.460 7.451 7.412 6.992 7.168 7.156 7.083 6.994	7.707 7.689 7.430 7.419 7.380 6.960 7.134 7.121 7.048 6.957	33.998 34.036 34.036 34.053 34.063 34.070 34.070 34.082 34.102 34.107	26.530 26.563 26.600 26.614 26.628 26.652 26.668 26.705 26.705	27.895 27.973 28.057 28.117 28.176 28.249 28.309 28.366 28.438 28.500	26.526 26.558 26.596 26.610 26.623 26.647 26.663 26.674 26.700 26.716	154.6 151.7 148.1 147.0 145.8 143.3 142.1 138.9 137.5	7.469 7.622 7.772 7.919 8.066 8.211 8.354 8.495 8.636	0000000000	1485.5 1485.6 1484.8 1484.9 1483.4 1484.3 1484.3 1484.4 1484.2	1279.0 1353.9 1430.3 1508.2 1587.6 1668.4 1750.6 1834.3 1919.3 2005.7	39.7 34.4 32.6 14.8 23.5 6.5 17.1 18.2 30.2 17.9
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1 487.0	6.886 6.785 6.655 6.543 6.431 6.335 6.265 6.173 6.086 5.976	6.849 6.747 6.616 6.504 6.391 6.224 6.132 6.044 5.933	34.107 34.113 34.116 34.122 34.126 34.130 34.133 34.138 34.147	26.736 26.754 26.774 26.791 26.809 26.824 26.837 26.851 26.866 26.887	28.561 28.626 28.693 28.756 28.821 28.883 28.941 29.003 29.004 29.132	26.731 26.749 26.769 26.785 26.804 26.819 26.831 26.846 26.861 26.882	136.1 134.4 132.6 131.1 129.4 128.0 126.9 125.5 124.2 122.2	8.911 9.046 9.179 9.311 9.442 9.571 9.698 9.824 9.949	00000000000	1483.9 1483.7 1483.4 1483.1 1482.8 1482.6 1482.5 1482.3 1482.1 1481.8	2093.4 2182.5 2273.0 2364.7 2457.8 2552.1 2647.7 2744.5 2842.6 2941.9	12.4 16.2 30.8 12.0 19.9 18.7 13.2 21.3 14.9
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	496.9 506.9 516.8 526.7 536.6 546.5 556.4 566.3 576.3	5.920 5.873 5.796 5.685 5.625 5.542 5.542 5.425 5.425 5.365	5.877 5.829 5.751 5.640 5.579 5.496 5.478 5.440 5.377 5.316	34.150 34.158 34.169 34.182 34.194 34.204 34.205 34.210 34.222 34.231	26.897 26.909 26.927 26.951 26.988 26.989 26.997 27.014 27.029	29.188 29.246 29.310 29.381 29.444 29.510 29.558 29.676 29.737	26.892 26.904 26.921 26.945 26.980 26.980 26.983 26.992 27.008 27.023	121.4 120.3 118.7 116.4 114.9 113.2 113.0 112.3 110.8 109.4	10.194 10.315 10.434 10.552 10.667 10.781 10.894 11.007 11.119	0000000000	1481.8 1481.6 1481.4 1481.3 1481.1 1481.2 1481.2 1481.2	3042.4 3144.1 3247.0 3351.0 3456.2 3562.6 3670.0 3778.6 3888.3 3999.0	28.3 2.6 12.2 17.2 15.1 7.5 7 5.2 11.0 3.1
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.7 645.6 655.5 665.5 675.4 685.3	5.324 5.277 5.222 5.184 5.138 5.080 5.041 5.017 4.992 4.958	5.274 5.227 5.171 5.133 5.086 5.027 4.988 4.963 4.938 4.902	34.234 34.246 34.254 34.261 34.268 34.276 34.281 34.289 34.301 34.310	27.036 27.051 27.064 27.074 27.085 27.098 27.107 27.116 27.128 27.139	29.790 29.852 29.911 29.967 30.024 30.085 30.139 30.139 30.253 30.310	27.030 27.045 27.058 27.068 27.079 27.092 27.101 27.110 27.122 27.133	108.8 107.4 106.3 105.4 104.4 103.2 102.4 101.7 100.6 99.6	11.338 11.446 11.552 11.658 11.763 11.867 11.970 12.072 12.173 12.273	.00000000000000000000000000000000000000	1481.1 1481.1 1481.1 1481.1 1481.1 1481.0 1481.0 1481.1 1481.2 1481.2	4110.9 4223.8 4337.8 4452.8 4568.9 4686.0 4804.1 4923.2 5043.3 5164.4	16.0 22.4 1.6 9.3 2.8 6.6 11.6 17.2 9.0
700.0 710.0 710.0 730.0 740.0 750.0 750.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.921 4.882 4.809 4.739 4.662 4.592 4.568 4.543 4.490 4.452	4.865 4.826 4.752 4.681 4.604 4.533 4.508 4.483 4.429 4.391	34.316 34.327 34.331 34.332 34.332 34.340 34.347 34.350 34.358	27.149 27.156 27.170 27.181 27.190 27.198 27.207 27.215 27.224 27.234	30.366 30.419 30.480 30.538 30.594 30.649 30.704 30.758 30.814 30.871	27.142 27.149 27.163 27.175 27.184 27.192 27.201 27.209 27.217 27.228	98.8 98.2 96.9 95.8 94.1 93.3 92.6 91.8 90.9	12.372 12.471 12.568 12.664 12.760 12.854 12.948 13.041 13.133 13.224	0000000000	1481.2 1481.1 1481.1 1481.0 1480.8 1480.7 1480.8 1480.8 1480.8 1480.8	5286.4 5409.5 5533.5 5658.5 5784.4 5911.2 6039.0 6167.7 6297.3 6427.8	6.9 10.7 10.1 7.8 15.4 3.1 5.1 9.2 4.9 8.4
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.428 4.403 4.369 4.3379 4.337 4.285 4.225 4.206 4.158 4.117	4.366 4.340 4.306 4.315 4.220 4.160 4.140 4.091 4.049	34.360 34.364 34.371 34.384 34.386 34.386 34.386 34.396 34.397 34.398	27.239 27.244 27.253 27.263 27.271 27.275 27.281 27.291 27.297 27.303	30.921 30.973 31.028 31.083 31.137 31.188 31.241 31.297 31.350 31.402	27.232 27.237 27.247 27.256 27.268 27.274 27.284 27.284 27.290 27.296	90.6 90.1 89.2 88.5 87.8 87.8 86.8 85.9 85.3	13.315 13.406 13.495 13.584 13.672 13.760 13.847 13.933 14.018	0000000000	1480.9 1480.9 1481.0 1481.2 1481.1 1481.1 1481.1 1481.1	6559.2 6691.4 6824.6 6958.6 7093.5 7229.3 7365.9 7503.4 7641.7 7780.9	3.7 13.1 9.0 1.9 7.2 8.4 9.0 1.1
900.0 910.0 920.0 940.0 950.0 960.0 960.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.3 982.2	4.069 4.026 4.012 3.969 3.930 3.910 3.883 3.868 3.872 3.869	4.001 3.958 3.943 3.899 3.860 3.839 3.812 3.796 3.799	34.400 34.404 34.409 34.411 34.418 34.424 34.425 34.430 34.437 34.437	27.309 27.317 27.322 27.328 27.338 27.344 27.344 27.354 27.359 27.364	31.455 31.510 31.561 31.613 31.670 31.722 31.772 31.824 31.874 31.925	27.302 27.310 27.315 27.321 27.331 27.337 27.341 27.346 27.356	84.2 83.5 83.1 82.5 81.6 81.0 80.7 80.2 79.8	14.188 14.272 14.355 14.438 14.520 14.601 14.682 14.763 14.843 14.922	00000000000	1481.1 1481.2 1481.2 1481.2 1481.3 1481.3 1481.4 1481.6	7920.9 8061.7 8203.3 8345.8 8489.0 8633.1 8777.9 8923.6 9070.0 9217.2	-2.2 2.8 9.3 7.2 6.6 1.4 7.8

Station	51	Latitude	32° 33.	71'N	Longitu	de 126°	41.43'W	01	May 1991	GMT	5:53	Bottom	4340 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m ³ /s ²	N ² 10 ⁶ /s ²
1000.0 1020.0 1040.0 1060.0 1080.0 1100.0 1120.0 1140.0 1160.0	992.1 1011.9 1031.7 1051.5 1071.2 1091.0 1110.8 1130.6 1150.3 1170.1	3.847 3.806 3.729 3.691 3.583 3.546 3.527 3.520 3.444	3.772 3.730 3.652 3.613 3.566 3.502 3.464 3.444 3.415 3.358	34.447 34.455 34.464 34.470 34.478 34.487 34.487 34.494 34.500 34.501	27.369 27.380 27.395 27.404 27.415 27.425 27.432 27.440 27.447 27.454	31.977 32.080 32.188 32.289 32.392 32.495 32.594 32.693 32.793 32.892	27.362 27.372 27.387 27.396 27.407 27.417 27.424 27.431 27.439 27.445	79.0 78.0 76.6 75.9 74.9 73.9 73.4 72.8 72.1	15.002 15.159 15.313 15.466 15.617 15.765 15.912 16.059 16.204 16.347	.0	1481.9 1482.0	9365.2 9663.5 9964.8 10269.1 10576.4 10886.7 11199.8 11515.8 11834.6 12156.3	4.9 7.6 2.9 4.4 2.6 3 9.7 5.0
1200.0 1220.0 1240.0 1260.0 1280.0 1300.0 1320.0 1340.0 1360.0 1380.0	1189.8 1209.6 1229.4 1249.1 1268.9 1288.6 1308.4 1328.1 1347.9 1367.6	3.388 3.371 3.338 3.309 3.269 3.220 3.183 3.146 3.116	3.301 3.282 3.248 3.217 3.176 3.126 3.088 3.050 3.019 2.987	34.504 34.511 34.514 34.517 34.521 34.525 34.528 34.531 34.534 34.536	27.461 27.468 27.474 27.479 27.486 27.494 27.500 27.506 27.512 27.516	32.992 33.091 33.188 33.285 33.384 33.485 33.583 33.681 33.778 33.874	27.453 27.460 27.466 27.471 27.477 27.485 27.492 27.497 27.503 27.507	70.9 70.3 69.8 69.4 68.8 68.1 67.5 66.5 66.2	16.490 16.631 16.771 16.910 17.048 17.185 17.321 17.455 17.589 17.721	00000000000	1483.3 1483.6 1483.8 1484.0 1484.1 1484.3 1484.4 1484.6 1484.8	12480.8 12808.0 13138.0 13470.7 13806.1 14144.2 14484.9 14828.3 15174.3 15522.8	2.4 4.1 8.2 1.5 6.8 2.7 2.7 2.7
1400.0 1420.0 1440.0 1460.0 1500.0 1520.0 1540.0 1560.0 1580.0	1387.3 1407.1 1426.8 1446.6 1466.3 1486.0 1505.8 1525.5 1545.2 1564.9	3.040 3.011 2.974 2.938 2.905 2.856 2.828 2.795 2.751 2.738	2.940 2.909 2.872 2.834 2.800 2.750 2.720 2.686 2.641 2.626	34.540 34.543 34.545 34.552 34.552 34.555 34.555 34.562 34.567	27.524 27.529 27.533 27.540 27.545 27.550 27.555 27.562 27.562 27.573	33.974 34.071 34.168 34.267 34.364 34.462 34.559 34.657 34.755 34.851	27.514 27.519 27.524 27.531 27.536 27.541 27.546 27.552 27.558 27.563	65.4 65.0 64.6 64.0 63.5 63.5 62.5 62.0 61.4	17.853 17.983 18.113 18.241 18.369 18.495 18.621 18.745 18.869 18.991	00000000000	1485.2 1485.4 1485.6 1485.9 1486.1 1486.3 1486.5 1486.6	15874.0 16227.7 16583.9 16942.7 17303.9 17667.6 18033.8 18402.4 18773.3 19146.7	3.9 4.0 3.7 6.9 3.1 .8 1.4 6.1 1.4 -2.1
1600.0 1620.0 1640.0 1660.0 1700.0 1720.0 1740.0 1760.0 1780.0	1584.7 1604.4 1624.1 1643.8 1663.5 1683.2 1702.9 1722.7 1742.4 1762.1	2.717 2.658 2.630 2.5597 2.5566 2.534 2.512 2.474 2.446 2.402	2.604 2.545 2.514 2.480 2.445 2.392 2.353 2.323 2.278	34.568 34.569 34.571 34.574 34.576 34.578 34.583 34.587 34.580 34.590	27.576 27.582 27.586 27.591 27.596 27.600 27.606 27.612 27.617 27.621	34.946 35.045 35.141 35.237 35.334 35.430 35.528 35.528 35.723 35.819	27.566 27.572 27.576 27.581 27.589 27.589 27.596 27.602 27.607 27.610	60.7 60.0 59.7 59.2 58.7 58.4 57.8 57.8 56.3	19.113 19.233 19.353 19.472 19.590 19.707 19.823 19.938 20.052 20.165	0000000000	1487.1 1487.2 1487.4 1487.6 1488.0 1488.3 1488.5 1488.7	19522.5 19900.6 20281.0 20663.8 21048.8 21436.2 21825.8 22217.6 22611.6 23007.9	2.0 1.4 4.7 3.5 2.9 3.2 5.0 1.8 3.3 1.8
1800.0 1820.0 1840.0 1860.0 1880.0 1900.0 1920.0 1940.0 1960.0	1781.8 1801.5 1821.2 1840.9 1860.6 1880.3 1900.0 1919.7 1939.3	2.385 2.359 2.331 2.283 2.240 2.217 2.198 2.179 2.153	2.260 2.233 2.210 2.181 2.152 2.108 2.084 2.064 2.043 2.016	34.593 34.597 34.600 34.601 34.605 34.606 34.609 34.611 34.613	27.625 27.630 27.633 27.637 27.640 27.647 27.650 27.653 27.656 27.6660	35.914 36.011 36.105 36.201 36.295 36.394 36.489 36.583 36.677 36.773	27.615 27.619 27.623 27.626 27.629 27.639 27.639 27.643 27.645 27.645	55.28 55.28 55.4.5 54.5 55.29 55.29 55.20 55.20 55.20	20.277 20.389 20.499 20.609 20.719 20.827 20.934 21.041 21.147 21.253	0000000000	1489.1 1489.3 1489.8 1489.8 1490.0 1490.1 1490.4 1490.6 1490.9	23406.3 23806.9 24209.6 24614.5 25021.5 25430.6 25841.8 26255.0 26670.3 27087.7	2.1 3.0 1.6 1.9 3.6 1.3 1.3
2000.0 2050.0 2096.0	1978.7 2027.9 2073.2	2.129 2.075 2.049	1.990 1.933 1.904	34.615 34.620 34.622	27.664 27.672 27.676	36.868 37.104 37.316	27.653 27.661 27.665	52.2 51.4 51.1	21.358 21.617 21.852	.0 .0	1491.3 1492.0 1492.6	27507.0 28564.3 29547.9	4.9 3.5 .0

Station	52	Latitude	32. 19.	47'N	Longit	ude 126°	48.63'W	02	May 1991	GMT 8	:40	Bottom	4265 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ^{TF}	N ² 10 ⁶ /s ²
10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.050 15.054 15.057 15.061 14.437 14.329 14.160 14.128 14.192 14.203	15.050 15.053 15.054 15.057 14.431 14.322 14.152 14.118 14.181 14.190	33.157 33.171 33.172 33.172 33.138 33.129 33.130 33.156 33.212 33.248	24.541 24.551 24.552 24.552 24.659 24.675 24.711 24.739 24.769 24.794	24.541 24.596 24.640 24.684 24.896 24.977 25.049 25.123 25.192	24.541 24.551 24.551 24.551 24.658 24.674 24.710 24.737 24.767	338.4 337.8 338.0 338.4 328.4 327.2 323.9 321.6 319.0 317.0	.000 .338 .676 1.014 1.350 1.678 2.003 2.326 2.326	00000000000	1505.3 1505.5 1505.7 1505.8 1503.9 1503.7 1503.5 1503.9 1504.1	1.7 6.7 15.2 26.9 42.0 60.3 81.9 106.7 134.6	-2.8 -1.3 1 69.7 29.3 23.4 8.2 36.0
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.1	13.871 12.726 11.347 10.880 10.179 9.975 9.692 9.396 9.249 9.115	13.857 12.711 11.332 10.864 10.163 9.958 9.674 9.377 9.229 9.094	33.247 33.116 33.065 33.086 33.131 33.203 33.282 33.363 33.494 33.627	24.863 24.990 25.210 25.310 25.465 25.665 25.777 25.777 26.028	25.306 25.481 25.749 25.894 26.097 26.233 26.388 26.546 26.718 26.888	24.860 24.988 25.208 25.307 25.463 25.554 25.663 25.774 25.900 26.025	310.6 298.5 277.6 268.2 253.5 245.0 234.8 224.3 214.3	3.279 3.582 3.868 4.142 4.404 4.654 4.892 5.120 5.337 5.544	0000000000	1503.2 1499.4 1494.7 1493.2 1490.9 1490.4 1488.8 1488.6 1488.4	165.7 199.9 237.0 276.8 319.4 364.4 411.9 461.7 513.7	207.6 220.3 112.5 69.1 148.3 106.1 97.3 105.8 97.8 111.3
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.8 248.8 258.7 268.6 278.6 288.5	9.008 8.925 8.849 8.703 8.618 8.439 8.278 8.150 7.960 7.862	8.987 8.903 8.826 8.679 8.593 8.413 8.251 8.123 7.932 7.833	33.722 33.800 33.851 33.902 33.926 33.962 33.979 33.990 34.000 34.010	26.120 26.194 26.246 26.309 26.341 26.397 26.434 26.463 26.499 26.521	27.025 27.145 27.242 27.351 27.429 27.531 27.615 27.689 27.771 27.840	26.116 26.191 26.243 26.305 26.337 26.393 26.430 26.459 26.459 26.517	192.3 185.3 180.6 174.8 171.9 166.7 163.2 167.3 157.3	5.740 5.929 6.112 6.289 6.462 6.631 6.795 6.957 7.116 7.273	0000000000	1488.3 1488.2 1487.9 1487.8 1487.3 1486.9 1486.6 1486.0 1485.8	623.9 681.9 741.7 803.4 866.7 931.8 998.5 1066.8 1136.7 1208.1	105.7 74.4 48.0 36.6 52.4 20.8 14.9 37.7 44.1 37.9
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.4 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	7.722 7.587 7.366 7.279 7.179 7.111 7.001 7.050 7.074 7.019	7.692 7.557 7.335 7.248 7.147 7.078 6.968 7.016 7.039 6.983	34.029 34.032 34.032 34.038 34.046 34.054 34.083 34.100 34.112	26.556 26.578 26.606 26.622 26.641 26.657 26.678 26.694 26.705 26.722	27.921 27.989 28.064 28.127 28.192 28.253 28.321 28.382 28.382 28.437 28.501	26.552 26.574 26.602 26.618 26.637 26.653 26.674 26.690 26.700 26.717	152.1 150.1 147.5 146.0 144.3 143.0 141.0 139.7 139.7	7.426 7.577 7.726 7.873 8.018 8.162 8.304 8.445 8.584 8.723	0000000000	1485.5 1485.1 1484.4 1484.2 1484.0 1483.9 1483.7 1484.1 1484.3	1281.1 1355.6 1431.6 1509.0 1587.9 1668.3 1750.0 1833.1 1917.7 2003.5	36.5 11.8 19.4 22.3 25.2 12.9 20.5 22.9 7.7 20.0
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1	6.988 6.768 6.650 6.603 6.382 6.238 6.348 6.129 6.005 5.889	6.951 6.730 6.611 6.564 6.343 6.199 6.307 6.088 5.963 5.847	34.123 34.120 34.121 34.137 34.134 34.122 34.166 34.153 34.163 34.171	26.735 26.762 26.779 26.798 26.825 26.834 26.854 26.872 26.896 26.917	28.559 28.634 28.698 28.763 28.837 28.893 28.958 29.024 29.025 29.163	26.730 26.757 26.774 26.793 26.820 26.829 26.849 26.867 26.891 26.912	136.3 133.7 132.1 130.5 127.9 127.0 125.3 123.6 121.3 119.3	8.859 8.994 9.127 9.259 9.389 9.516 9.643 9.767 9.890 10.010		1484.4 1483.7 1483.4 1483.4 1482.6 1482.2 1482.2 1482.1 1481.8 1481.5	2090.8 2179.4 2269.3 2360.5 2453.1 2546.8 2641.9 2738.2 2835.7 2934.4	5.1 44.6 17.9 27.0 43.0 18.1 26.4 9.3 24.2 15.1
500.0 510.0 520.0 530.0 540.0 550.0 570.0 570.0 590.0	496.9 506.9 516.8 526.7 536.6 546.5 556.4 566.3 576.3 586.2	5.804 5.812 5.906 5.897 5.870 5.844 5.780 5.535	5.761 5.768 5.861 5.852 5.849 5.822 5.796 5.732 5.705 5.485	34.172 34.184 34.214 34.229 34.251 34.269 34.275 34.278 34.262	26.928 26.937 26.949 26.962 26.980 27.000 27.013 27.019 27.033	29.220 29.275 29.331 29.390 29.453 29.510 29.565 29.624 29.676 29.739	26.923 26.932 26.944 26.956 26.974 26.986 26.994 27.007 27.007	118.3 117.6 116.7 115.6 114.1 113.1 112.4 111.2	10.129 10.247 10.364 10.480 10.595 10.709 10.822 10.933 11.044 11.155	.00	1481.3 1481.6 1482.1 1482.3 1482.5 1482.6 1482.6 1482.6 1482.6	3034.2 3135.3 3237.5 3340.9 3445.3 3551.0 3657.7 3765.6 3874.5	11.0 10.2 13.4 9.3 20.5 8.2 6.4 16.7
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0 690.0	596.1 606.0 615.9 625.8 635.7 645.7 655.6 665.5 675.4 685.3	5.468 5.329 5.369 5.293 5.207 5.149 5.104 5.056 4.853 4.812	5.417 5.278 5.317 5.241 5.155 5.096 5.050 5.002 4.799 4.757	34.258 34.250 34.273 34.273 34.274 34.278 34.289 34.289 34.290 34.290	27.038 27.048 27.062 27.071 27.081 27.092 27.106 27.115 27.135 27.142	29.791 29.848 29.907 29.962 30.020 30.077 30.138 30.193 30.262 30.315	27.032 27.042 27.056 27.065 27.075 27.086 27.100 27.109 27.129 27.135	108.8 107.8 106.7 105.9 104.9 103.9 102.6 101.8 99.7	11.264 11.372 11.479 11.585 11.691 11.795 11.898 12.000 12.101 12.201	.00	1481.7 1481.3 1481.7 1481.5 1481.4 1481.3 1481.3 1481.2 1480.6	4095.6 4207.8 4321.1 4435.4 4550.7 4667.1 4784.5 4902.9 5022.3 5142.7	4.9 5.5 16.9 8.4 10.7 4.0 17.2 17.8 1.0
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.763 4.720 4.713 4.637 4.630 4.589 4.580 4.550 4.483 4.468	4.708 4.664 4.657 4.580 4.572 4.530 4.521 4.490 4.422 4.407	34.291 34.304 34.308 34.313 34.321 34.329 34.330 34.335 34.348 34.352	27.146 27.161 27.165 27.178 27.185 27.196 27.198 27.206 27.223 27.227	30.366 30.428 30.478 30.537 30.590 30.647 30.695 30.749 30.813 30.863	27.140 27.155 27.159 27.172 27.179 27.190 27.192 27.199 27.216 27.221	97.4 97.1 95.9 95.3 94.3 94.2 93.6 91.9	12.300 12.398 12.495 12.591 12.687 12.782 12.876 12.970 13.062 13.154	0000000000	1480.5 1480.5 1480.7 1480.7 1480.7 1480.7 1480.8 1480.9 1480.9	5264.0 5386.4 5509.7 5633.9 5759.1 5885.2 6012.3 6140.2 6269.1 6398.9	13.9 5.1 16.0 9.5 1.9 10.7 5.7 1.0 13.6 2.8
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4	4.381 4.390 4.380 4.361 4.307 4.284 4.209 4.175 4.150 4.134	4.319 4.328 4.317 4.298 4.242 4.219 4.143 4.109 4.083 4.066	34.353 34.359 34.371 34.380 34.383 34.385 34.391 34.396 34.400 34.403	27.238 27.242 27.253 27.262 27.270 27.274 27.287 27.294 27.301 27.304	30.921 30.970 31.027 31.082 31.137 31.188 31.248 31.301 31.354 31.403	27.231 27.235 27.246 27.255 27.263 27.267 27.280 27.288 27.294 27.297	90.3 89.3 88.6 87.8 87.4 86.2 85.5 85.0	13.245 13.336 13.425 13.514 13.602 13.690 13.777 13.863 13.948 14.033		1480.7 1480.9 1481.0 1481.1 1481.1 1481.1 1481.0 1481.0 1481.1	6529.6 6661.2 6793.7 6927.0 7061.3 7196.3 7332.3 7469.1 7606.7 7745.1	10.1 9.0 1.9 2.5 3.7 13.4 8.1 9.0 5.2 7.8
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.099 4.061 4.038 3.997 3.968 3.943 3.924 3.906 3.886	4.031 3.993 3.969 3.928 3.898 3.872 3.852 3.834 3.813 3.812	34.410 34.416 34.420 34.426 34.427 34.430 34.435 34.439 34.444 34.451	27.314 27.323 27.328 27.337 27.341 27.346 27.352 27.357 27.363 27.369	31.459 31.514 31.566 31.622 31.671 31.723 31.775 31.826 31.878 31.930	27.306 27.315 27.321 27.330 27.333 27.339 27.344 27.350 27.356 27.361	83.0 82.6 81.7 81.4 80.9 80.4 80.0 79.4	14.117 14.201 14.283 14.366 14.447 14.528 14.609 14.609 14.769 14.848	0000000000	1481.2 1481.3 1481.3 1481.3 1481.4 1481.5 1481.5 1481.7 1481.9	7884.4 8024.5 8165.5 8307.2 8449.7 8593.1 8737.2 8882.1 9027.8 9174.3	11.0 5.2 7.0 6.9 9.3 4.6 5.2 6.8

Station	52	Latitude	32. 19.	47'N	Longitu	de 126°	48.63'W	02	May 1991	GMT	8:40	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0		TF m ³ /s ²	N ² 10 ⁶ /s ²
1000.0 1020.0 1040.0 1060.0 1080.0 1100.0 1120.0 1140.0 1160.0	992.2 1011.9 1031.7 1051.5 1071.3 1091.0 1110.8 1130.6 1150.3 1170.1	3.849 3.773 3.750 3.712 3.688 3.640 3.593 3.593 3.449	3.775 3.697 3.693 3.634 3.608 3.559 3.511 3.448 3.359	34.451 34.459 34.468 34.472 34.482 34.485 34.495 34.505	27.373 27.385 27.389 27.400 27.406 27.419 27.426 27.438 27.443 27.456	31.980 32.085 32.182 32.284 32.382 32.487 32.587 32.691 32.789 32.894	27.365 27.377 27.382 27.392 27.398 27.411 27.418 27.430 27.435 27.448	78.7 77.5 77.2 76.3 75.9 74.7 74.1 73.0 72.5 71.3	14.927 15.083 15.237 15.391 15.543 15.694 15.842 15.989 16.278	.00	1481.9 1482.1 1482.3 1482.5 1482.5 1482.8 1482.9 1483.1	9321.5 9618.3 9918.2 10221.0 10526.9 10835.7 11147.4 11462.0 11779.5 12099.8	5.5 5.5 4.7 9.1 2.3 15.0 4.7
1200.0 1220.0 1240.0 1260.0 1280.0 1300.0 1320.0 1340.0 1360.0	1189.9 1209.6 1229.4 1249.1 1268.9 1288.6 1308.4 1328.1 1347.9 1367.6	3.392 3.361 3.318 3.277 3.238 3.211 3.168 3.136 3.136 3.102	3.305 3.272 3.228 3.186 3.146 3.118 3.073 3.040 3.004 2.974	34.511 34.512 34.517 34.518 34.523 34.526 34.531 34.534 34.539 34.541	27.466 27.471 27.478 27.483 27.491 27.496 27.504 27.510 27.516 27.521	32.997 33.093 33.193 33.290 33.390 33.486 33.588 33.685 33.784 33.880	27.458 27.462 27.470 27.475 27.482 27.487 27.496 27.501 27.507 27.512	70.4 70.1 69.4 68.9 68.3 67.1 66.6 66.0	16.420 16.560 16.700 16.838 16.975 17.111 17.247 17.380 17.513 17.645	000000000000000000000000000000000000000	1483.5 1483.7 1483.8 1484.0 1484.4 1484.6 1484.8	12422.9 12748.7 13077.3 13408.6 13742.6 14079.2 14418.5 14760.4 15104.9	37 1.8 1.8 5.9 8.3 4.1 7
1400.0 1420.0 1440.0 1460.0 1500.0 1520.0 1540.0 1560.0 1580.0	1387.4 1407.1 1426.8 1446.6 1466.3 1486.1 1505.8 1525.5 1545.2 1565.0	3.027 2.990 2.950 2.907 2.874 2.825 2.794 2.760 2.730 2.697	2.927 2.889 2.847 2.803 2.770 2.719 2.687 2.652 2.620 2.586	34.544 34.547 34.550 34.551 34.554 34.557 34.561 34.564 34.567	27.528 27.533 27.537 27.544 27.548 27.554 27.560 27.566 27.571 27.576	33.979 34.077 34.173 34.272 34.368 34.467 34.564 34.759 34.857	27.519 27.524 27.528 27.535 27.538 27.545 27.550 27.556 27.561 27.567	65.0 64.5 64.2 63.5 63.1 62.0 61.0 60.5	17.775 17.905 18.034 18.161 18.288 18.414 18.538 18.661 18.784 18.905	000000000000000000000000000000000000000	1485.3 1485.6 1485.8 1485.9 1486.1 1486.3	15801.7 16153.8 16508.5 16865.7 17225.4 17587.5 17952.0 18319.0 18688.3 19060.0	3.39 4.8 3.136 4.55 4.5 4.3
1600.0 1620.0 1640.0 1660.0 1680.0 1700.0 1740.0 1740.0 1760.0	1584.7 1604.4 1624.1 1643.8 1663.6 1683.3 1703.0 1722.7 1742.4 1762.1	2.673 2.6519 2.629 2.592 2.572 2.545 2.545 2.454 2.454	2.561 2.537 2.514 2.475 2.455 2.425 2.397 2.353 2.331 2.298	34.569 34.571 34.573 34.575 34.577 34.580 34.583 34.586 34.588 34.588	27.580 27.583 27.587 27.592 27.596 27.600 27.605 27.611 27.615 27.620	34.952 35.047 35.142 35.239 35.334 35.430 35.527 35.625 35.720 35.817	27.571 27.574 27.577 27.582 27.586 27.590 27.595 27.601 27.604 27.610	60.1 59.6 59.6 58.8 58.4 57.3 57.0 56.5	19.026 19.146 19.265 19.384 19.502 19.619 19.735 19.850 19.965 20.078	.00	1487.2 1487.4 1487.6 1487.9 1488.3 1488.3	19434.1 19810.5 20189.2 20570.2 20953.5 21339.1 21727.0 22117.1 22509.4 22903.9	1.7 3.8 9 5.3 6 2.9 1.2 3.6
1800.0 1820.0 1840.0 1860.0 1900.0 1920.0 1940.0 1960.0 1980.0	1781.8 1801.5 1821.2 1840.9 1860.6 1880.3 1900.0 1919.7 1939.4 1959.1	2.396 2.365 2.339 2.311 2.278 2.251 2.235 2.211 2.186 2.166	2.270 2.238 2.211 2.181 2.147 2.119 2.102 2.076 2.050 2.029	34.593 34.595 34.597 34.601 34.605 34.606 34.608 34.611 34.613	27.624 27.628 27.632 27.637 27.641 27.646 27.648 27.652 27.656	35.912 36.008 36.104 36.201 36.297 36.393 36.486 36.581 36.676 36.771	27.613 27.618 27.621 27.627 27.631 27.635 27.638 27.641 27.645 27.648	56.1 55.7 55.3 54.8 54.4 53.7 53.4 53.7	20.191 20.302 20.413 20.523 20.633 20.741 20.849 20.956 21.062 21.168	.00	1489.3 1489.6 1489.8 1490.0 1490.2 1490.5 1490.7	23300.6 23699.5 24100.6 24503.8 24509.1 25316.5 25726.0 26137.6 26551.2 26966.9	3.3 2.1 1.6 1.6 5.1 1.3 1.0 1.9
2000.0 2050.0 2096.0	1978.7 2027.9 2073.2	2.143 2.095 2.053	2.005 1.953 1.907	34.615 34.619 34.623	27.663 27.670 27.677	36.866 37.101 37.317	27.652 27.659 27.666	52.3 51.6 51.0	21.273 21.533 21.769	.0 .0	1492.0	27384.6 28437.7 29417.6	1.7 1 .0

Station		Latitude	32° 12.	.03'N	Longit	ude 126°	52.66'W	02	May 1991	GMT 10	0:56	Bottom	
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-6 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht g J/kg	LTR 0/0	SV m/s	m ^{TP}	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	14.901 14.903 14.898 14.865 14.315 14.148 14.007 13.966 13.855	14.901 14.895 14.861 14.310 14.141 13.998 13.956 13.855 13.842	33.158 33.162 33.161 33.131 33.120 33.120 33.122 33.114 33.121	24.574 24.578 24.585 24.679 24.736 24.736 24.746 24.760 24.768	24.574 24.621 24.627 24.718 24.856 24.933 25.002 25.115 25.115	24.574 24.577 24.578 24.584 24.678 24.709 24.734 24.743 24.758 24.766	335.3 335.5 335.2 326.5 323.7 321.6 321.0 319.8 319.4	.000 .335 .671 1.006 1.336 1.662 1.984 2.306 2.526	0000000000	1504.8 1505.0 1505.1 1505.2 1503.5 1503.2 1502.8 1502.9 1502.7 1502.8	1.7 6.7 15.0 26.7 41.6 59.8 81.2 105.7 133.5	.0 1.3 50.8 27.2 43.6 14.3 15.8 8.5 2.0
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.2	13.746 13.609 12.951 11.773 10.674 10.430 9.880 9.376 9.219 9.124	13.732 13.593 12.935 11.757 10.658 10.413 9.862 9.358 9.199 9.104	33.118 33.117 33.090 33.094 33.127 33.251 33.390 33.506 33.561	24.789 24.816 24.927 25.155 25.379 25.610 25.801 25.917 25.975	25.233 25.305 25.461 25.737 26.009 26.135 26.332 26.570 26.731 26.835	24.786 24.813 24.924 25.152 25.376 25.456 25.607 25.798 25.914 25.972	317.6 315.3 304.9 283.2 261.8 254.3 240.1 222.0 211.2 205.8	3.264 3.581 3.892 4.187 4.461 4.720 4.967 5.196 5.413 5.622	00000000000	1502.6 1502.3 1500.3 1496.4 1492.7 1492.1 1490.3 1488.8 1488.5 1488.4	164.4 198.5 235.7 275.9 319.0 364.7 412.8 463.4 516.2 571.0	41.8 68.5 189.6 297.7 116.8 147.2 272.2 124.2 115.7 45.1
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	8.997 8.892 8.759 8.615 8.436 8.227 8.147 8.006 7.914 7.793	8.976 8.870 8.736 8.591 8.411 8.121 7.979 7.886 7.765	33.694 33.775 33.861 33.914 33.952 33.978 33.989 34.001 34.013	26.100 26.179 26.268 26.332 26.389 26.462 26.462 26.492 26.516 26.540	27.005 27.131 27.264 27.374 27.478 27.577 27.643 27.719 27.789 27.859	26.097 26.176 26.264 26.328 26.385 26.438 26.458 26.458 26.512 26.536	194.1 186.7 178.5 172.6 167.3 162.3 160.5 157.8 155.7 153.5	5.824 6.015 6.198 6.372 6.542 6.707 6.869 7.028 7.185 7.339	0000000000	1488.3 1488.1 1487.9 1487.6 1487.1 1486.4 1486.0 1485.9 1485.6	627.9 686.8 747.5 809.9 874.1 939.9 1007.4 1147.0 1219.1	168.7 143.2 87.0 61.5 74.0 43.8 57.6 6.9 59.9
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	7.692 7.617 7.448 7.347 7.310 7.263 7.186 7.031 6.853 6.826	7.663 7.587 7.417 7.315 7.278 7.229 7.151 6.996 6.818 6.790	34.025 34.044 34.043 34.069 34.070 34.080 34.084 34.084 34.084	26.557 26.583 26.607 26.625 26.647 26.655 26.673 26.698 26.722 26.732	27.922 27.994 28.065 28.129 28.197 28.314 28.386 28.457 28,513	26.553 26.579 26.603 26.621 26.643 26.650 26.669 26.693 26.717 26.727	152.0 149.7 147.4 145.8 143.9 143.3 141.7 139.3 137.1 136.3	7.492 7.643 7.792 7.938 8.083 8.226 8.369 8.509 8.647 8.784		1485.3 1485.2 1484.8 1484.5 1484.6 1484.6 1484.0 1483.5 1483.5	1292.8 1367.9 1444.5 1522.6 1602.2 1683.1 1765.5 1849.3 1934.4 2021.0	27.1 31.2 55.2 12.4 7.7 9.2 42.0 8.3 12.0 18.5
400.0 410.0 420.0 430.0 440.0 450.0 460.0 480.0 490.0	397.7 407.7 417.6 427.5 437.4 447.4 457.3 467.2 477.1 487.0	6.646 6.580 6.453 6.389 6.286 6.155 6.169 6.069 5.994 5.935	6.609 6.543 6.416 6.351 6.247 6.116 6.128 6.028 5.952 5.893	34.099 34.103 34.107 34.105 34.114 34.117 34.132 34.138 34.142 34.145	26.762 26.774 26.794 26.801 26.821 26.840 26.851 26.868 26.881 26.890	28.590 28.647 28.715 28.767 28.835 28.901 28.956 29.020 29.080 29.136	26.757 26.769 26.789 26.796 26.816 26.835 26.846 26.863 26.875 26.885	133.4 132.4 130.5 130.0 128.1 126.3 125.5 123.9 122.7 121.9	8.919 9.052 9.183 9.314 9.442 9.570 9.696 9.820 9.943 10.066		1483.0 1482.9 1482.5 1482.5 1482.2 1481.9 1482.1 1481.7 1481.7	2108.8 2198.0 2288.5 2380.2 2473.3 2567.6 2663.2 2760.0 2858.0 2957.2	13.5 5.9 7.3 13.7 9.0 7.5 10.5 27.8 8.1 24.2
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.6 546.5 556.5 566.4 576.3 586.2	5.790 5.686 5.627 5.431 5.428 5.357 5.411 5.350 5.189 5.177	5.747 5.643 5.583 5.387 5.383 5.312 5.365 5.302 5.142 5.129	34.153 34.154 34.156 34.158 34.175 34.181 34.213 34.222 34.222	26.915 26.929 26.938 26.963 26.976 26.990 27.008 27.023 27.042 27.057	29.207 29.268 29.324 29.397 29.456 29.516 29.580 29.640 29.708 29.768	26.910 26.924 26.933 26.958 26.971 26.985 27.003 27.018 27.037 27.051	119.6 118.3 117.4 115.0 113.8 112.6 111.0 109.7 107.8 106.5	10.186 10.305 10.423 10.540 10.654 10.767 10.879 10.990 11.098 11.205		1481.3 1481.0 1480.9 1480.3 1480.5 1480.4 1480.8 1480.7 1480.2 1480.2	3057.7 3159.3 3262.1 3366.0 3471.1 3577.3 3684.6 3793.1 3902.5 4013.1	14.8 11.6 10.1 41.7 21.8 8.6 8.7 30.0 16.5
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.8 645.7 655.6 665.5 675.4 685.3	5.241 5.424 5.275 5.140 5.285 5.323 5.270 5.223 5.131 5.068	5.192 5.373 5.224 5.088 5.232 5.269 5.215 5.167 5.076 5.011	34.255 34.296 34.288 34.320 34.339 34.345 34.353 34.356 34.356	27.062 27.073 27.085 27.097 27.110 27.120 27.131 27.143 27.156 27.162	29.818 29.872 29.931 29.991 30.047 30.102 30.160 30.218 30.278 30.331	27.056 27.067 27.079 27.091 27.103 27.113 27.125 27.136 27.150 27.156	106.2 105.6 104.4 103.2 102.3 101.6 100.5 99.5 98.2 97.7	11.312 11.418 11.523 11.627 11.730 11.832 11.933 12.033 12.132 12.132	0000000000	1480.8 1481.8 1481.3 1480.9 1481.7 1482.1 1482.0 1482.0 1481.8 1481.7	4124.7 4237.3 4351.0 4465.8 4581.5 4698.2 4816.0 4934.7 5054.4 5175.1	1.3 13.1 13.7 15.7 12.8 14.9 5.5 11.1 8.1 12.8
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.994 4.916 4.887 4.887 4.787 4.712 4.632 4.632 4.550 4.424	4.937 4.859 4.830 4.776 4.728 4.653 4.573 4.553 4.553 4.363	34.355 34.356 34.360 34.362 34.359 34.363 34.366 34.381 34.376 34.371	27.171 27.181 27.188 27.195 27.198 27.209 27.221 27.235 27.238 27.248	30.386 30.443 30.496 30.550 30.600 30.658 30.716 30.776 30.826 30.885	27.164 27.174 27.181 27.189 27.192 27.203 27.214 27.228 27.231 27.241	96.8 95.9 95.3 94.6 94.4 93.2 91.0 90.7 89.6	12.327 12.424 12.519 12.614 12.709 12.803 12.895 12.987 13.078 13.168	0000000000	1481.6 1481.4 1481.5 1481.4 1481.2 1481.1 1481.2 1481.1 1480.7	5296.8 5419.3 5542.9 5667.4 5792.8 5919.1 6046.4 6174.5 6303.6 6433.5	10.5 13.4 8.4 2.8 14.0 5.2 20.1 3.1 16.9
800.0 810.0 820.0 830.0 840.0 850.0 860.0 880.0 890.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.357 4.331 4.305 4.277 4.242 4.231 4.203 4.173 4.140 4.089	4.296 4.269 4.243 4.214 4.178 4.166 4.138 4.107 4.073 4.022	34.371 34.381 34.393 34.402 34.404 34.409 34.418 34.418	27.255 27.266 27.278 27.289 27.293 27.294 27.302 27.309 27.316 27.321	30.939 30.996 31.054 31.111 31.162 31.208 31.262 31.316 31.369 31.421	27.248 27.259 27.271 27.282 27.287 27.287 27.295 27.302 27.309 27.314	88.9 87.9 86.9 85.5 85.5 84.2 83.5	13.257 13.346 13.433 13.520 13.605 13.691 13.776 13.861 13.944 14.028	0000000000	1480.6 1480.7 1480.7 1480.8 1480.8 1480.9 1481.0 1481.0	6564.3 6696.0 6828.6 6962.0 7096.3 7231.4 7367.3 7504.1 7641.7 7780.1	4.5 3.4 18.6 8.4 3.7 1.9 6.3 3.7 12.2
900.0 910.0 920.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.089 4.053 4.028 3.993 3.972 3.924 3.918 3.918 3.896 3.865	4.021 3.984 3.959 3.923 3.902 3.854 3.846 3.839 3.822 3.792	34.419 34.426 34.427 34.431 34.434 34.439 34.448 34.449	27.322 27.331 27.334 27.342 27.346 27.354 27.355 27.359 27.365 27.369	31.468 31.523 31.573 31.627 31.677 31.732 31.779 31.828 31.828 31.830	27.315 27.324 27.327 27.335 27.339 27.347 27.349 27.352 27.352 27.358 27.362	83.0 82.2 81.9 81.9 80.9 80.1 80.0 79.8 79.3	14.111 14.193 14.275 14.357 14.438 14.518 14.598 14.678 14.758 14.837	0000000000	1481.2 1481.3 1481.3 1481.3 1481.4 1481.5 1481.5 1481.6 1481.7	7919.3 8059.4 8200.2 8341.9 844.3 8627.5 8771.6 8916.4 9062.0 9208.3	7.2 1.4 4.3 2.8 11.0 4.6 2.8 2.3 4.0

Station	53	Latitude	32. 12.	03'N	Longitu	de 126°	52.66'W	02	May 1991	GMT 10	:56	Bottom	3785 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	sv m/s	m ^{TF}	N ² 10 ⁶ /s ²
1000.0 1020.0 1040.0 1060.0 1100.0 1120.0 1140.0 1160.0 1180.0	992.2 1011.9 1031.7 1051.5 1071.3 1091.0 1110.8 1130.6 1150.3 1170.1	3.828 3.780 3.737 3.6675 3.660 3.619 3.557 3.470 3.424	3.754 3.704 3.660 3.597 3.580 3.538 3.487 3.474 3.385 3.338	34.456 34.461 34.463 34.475 34.480 34.486 34.486 34.486 34.501	27.378 27.388 27.396 27.408 27.411 27.419 27.428 27.430 27.445 27.455	31.986 32.088 32.189 32.293 32.388 32.488 32.590 32.683 32.791 32.894	27.371 27.380 27.389 27.400 27.403 27.411 27.420 27.422 27.437 27.447	78.1 77.3 76.5 75.5 75.3 74.6 73.8 73.7 72.3 71.4	14.915 15.071 15.225 15.377 15.528 15.678 15.826 15.826 16.120 16.263	00000000000	1481.8 1481.9 1482.1 1482.2 1482.4 1482.6 1482.7 1483.0 1483.0	9355.5 9652.0 9951.7 10254.2 10559.8 10868.3 11179.7 11494.0 11811.2	3.4 5.9 5.2 7.9 3.9 2.9 11.8
1200.0 1220.0 1240.0 1260.0 1280.0 1320.0 1320.0 1340.0 1360.0	1189.9 1209.6 1229.4 1249.1 1268.9 1288.7 1308.4 1328.2 1347.9 1367.6	3.375 3.317 3.302 3.253 3.227 3.206 3.151 3.112 3.082 3.039	3.288 3.229 3.213 3.163 3.135 3.112 3.057 3.016 2.985 2.941	34.506 34.511 34.513 34.518 34.520 34.525 34.527 34.527 34.539 34.539	27.464 27.474 27.476 27.485 27.490 27.496 27.502 27.514 27.519 27.527	32.995 33.098 33.192 33.293 33.389 33.487 33.586 33.690 33.787 33.887	27.456 27.465 27.468 27.476 27.481 27.487 27.493 27.505 27.510 27.518	70.5 69.6 69.5 68.7 68.3 67.8 67.2 665.7	16.406 16.546 16.685 16.823 16.960 17.097 17.232 17.365 17.497 17.627	0000000000	1483.2 1483.6 1483.7 1484.0 1484.2 1484.3 1484.5 1484.7 1484.8	12454.0 12779.6 13107.9 13438.9 13772.6 14108.9 14447.9 14789.5 15133.7 15480.5	7.9 4.19 2.4 4.2 4.5 8 2.12 4.5
1400.0 1420.0 1440.0 1460.0 1500.0 1520.0 1540.0 1560.0 1580.0	1387.4 1407.1 1426.9 1446.6 1466.3 1486.1 1505.8 1525.5 1545.3 1565.0	2.979 2.970 2.924 2.907 2.880 2.859 2.831 2.780 2.743 2.707	2.879 2.869 2.821 2.804 2.775 2.753 2.724 2.671 2.633 2.596	34.549 34.550 34.553 34.554 34.555 34.557 34.560 34.565 34.565	27.536 27.538 27.544 27.546 27.551 27.554 27.559 27.566 27.571 27.576	33.989 34.082 34.181 34.275 34.371 34.466 34.562 34.662 34.759 34.856	27.527 27.528 27.535 27.537 27.541 27.545 27.549 27.556 27.561 27.566	64.0 64.0 63.4 63.2 62.9 62.6 62.3 61.0 60.5	17.756 17.885 18.012 18.138 18.264 18.390 18.515 18.639 18.761 18.882	00000000000	1484.9 1485.2 1485.4 1485.6 1486.8 1486.1 1486.3 1486.6 1486.8	15829.8 16181.6 16535.8 16892.6 172551.8 17613.4 17977.5 18344.0 18712.9	3.0 2.8 7 2.2 3.1 7.2 1.9 2.6
1600.0 1620.0 1640.0 1660.0 1700.0 1720.0 1740.0 1760.0 1780.0	1584.7 1604.4 1624.1 1643.8 1663.6 1683.3 1703.0 1722.7 1742.4 1762.1	2.669 2.647 2.612 2.572 2.540 2.512 2.489 2.459 2.427 2.397	2.557 2.533 2.497 2.456 2.423 2.393 2.368 2.338 2.305 2.273	34.571 34.572 34.575 34.579 34.582 34.584 34.588 34.588 34.588	27.582 27.585 27.590 27.597 27.602 27.606 27.610 27.614 27.618 27.624	34.954 35.049 35.146 35.245 35.342 35.438 35.533 35.629 35.725 35.822	27.573 27.575 27.581 27.587 27.592 27.596 27.600 27.604 27.608 27.613	59.9 59.2 58.5 58.1 57.4 56.5 56.0	19.003 19.123 19.242 19.360 19.476 19.592 19.707 19.822 19.835 20.048	000000000000000000000000000000000000000	1486.9 1487.2 1487.4 1487.5 1487.7 1487.9 1488.2 1488.4 1488.6 1488.8	19457.8 19833.7 20211.9 20592.5 20975.3 21360.4 21747.7 22137.3 22529.0 22923.0	4.6 3.2 3.5 2.6 2.1 3.2
1800.0 1820.0 1840.0 1860.0 1900.0 1920.0 1940.0 1960.0 1980.0	1781.8 1801.5 1821.2 1840.9 1860.6 1880.3 1900.0 1919.7 1939.4 1959.1	2.368 2.347 2.315 2.286 2.255 2.231 2.208 2.184 2.155 2.135	2.243 2.220 2.187 2.157 2.124 2.100 2.075 2.050 2.019 1.998	34.597 34.598 34.600 34.603 34.606 34.608 34.609 34.611 34.613	27.629 27.632 27.636 27.641 27.646 27.652 27.656 27.660 27.663	35.919 36.013 36.109 36.206 36.303 36.397 36.492 36.586 36.683 36.776	27.619 27.621 27.626 27.630 27.635 27.639 27.642 27.645 27.649 27.652	55.5 55.3 54.8 54.3 53.8 53.5 53.9 52.4 52.2	20.159 20.270 20.380 20.489 20.597 20.705 20.811 20.917 21.023 21.128	.00.00.00	1489.0 1489.3 1489.5 1489.7 1489.9 1490.1 1490.3 1490.6 1490.8 1491.0	23319.1 23717.4 24117.8 24520.3 24924.9 25331.6 25740.4 26151.2 26564.1 26979.0	2.1 7 5.1 6.3 .7 2.5 7 2.2 4.6 3.1
2000.0 2050.0 2098.0	1978.8 2028.0 2075.2	2.111 2.067 2.017	1.973 1.926 1.872	34.617 34.620 34.627	27.667 27.674 27.683	36.872 37.106 37.334	27.656 27.662 27.671	51.8 51.2 50.3	21.232 21.490 21.733	.0	1491.3 1491.9 1492.5	27395.9 28446.9 29467.5	3.4 2.9 .0

Station		Latitude	32. 08	.39'N	Longit	ude 126°	54.09'W	02	May 1991	GMT 13	3:00	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kç	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
10.0 20.0 30.0 40.0 50.0 60.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	14.913 14.925 14.924 14.840 14.217 14.069 13.976 13.813 13.813 13.765 13.598	14.913 14.924 14.920 14.836 14.212 14.062 13.968 13.803 13.754 13.585	33.180 33.179 33.173 33.134 33.121 33.132 33.110 33.112 33.126	24.589 24.586 24.586 24.600 24.702 24.723 24.751 24.769 24.825	24.589 24.630 24.675 24.732 24.879 24.945 25.018 25.078 25.134 25.134	24.589 24.585 24.586 24.599 24.701 24.722 24.766 24.777 24.823	333.9 334.5 334.8 324.3 322.5 320.1 318.8 318.9	.000 .334 .669 1.004 1.330 1.653 1.975 2.294 2.613 2.929	00000000000	1504.9 1505.1 1505.2 1505.1 1503.2 1502.9 1502.8 1502.4 1502.0	.0 1.7 6.7 15.0 26.6 41.5 59.6 80.8 105.3 132.9	-5.5 3.3 145.3 12.9 9.3 48.0 -3 33.9 62.6
100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.1	13.370 12.881 12.362 10.974 10.464 9.896 9.734 9.560 9.234 9.131	13.357 12.867 12.347 10.959 10.448 9.879 9.716 9.542 9.215 9.110	33.112 33.107 33.144 33.102 33.090 33.187 33.279 33.327 33.327 33.548	24.860 24.954 25.083 25.305 25.385 25.557 25.656 25.722 25.869 25.964	25.305 25.444 25.619 25.889 26.234 26.379 26.490 26.683 26.824	24.858 24.951 25.080 25.303 25.382 25.554 25.653 25.719 25.961	310.8 302.1 289.9 268.7 261.2 244.9 235.6 229.6 229.6 206.8	3.240 3.546 3.845 4.121 4.385 4.640 4.881 5.115 5.340 5.551	000000000000000000000000000000000000000	1501.4 1498.9 1498.3 1493.6 1491.9 1490.1 1489.8 1489.4 1488.5 1488.4	163.6 197.4 234.2 273.8 316.2 361.1 408.4 458.1 510.1	23.3 39.9 361.9 71.8 40.3 157.9 79.8 59.8 282.6 86.4
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.047 8.969 8.859 8.726 8.670 8.524 8.255 8.152 8.051 7.906	9.026 8.946 8.836 8.701 8.645 8.498 8.229 8.125 8.023 7.878	33.625 33.742 33.781 33.847 33.926 33.943 33.976 33.990 33.998 34.017	26.038 26.142 26.190 26.263 26.333 26.369 26.463 26.484 26.520	26.943 27.092 27.186 27.305 27.420 27.503 27.616 27.689 27.756 27.838	26.034 26.138 26.186 26.259 26.365 26.432 26.458 26.458 26.516	200.0 190.4 186.0 179.2 172.7 169.4 163.1 160.7 158.8 155.5	5.754 5.948 6.137 6.319 6.496 6.667 6.833 6.995 7.312	0000000000	1488.4 1488.4 1488.2 1487.9 1488.0 1487.6 1486.8 1486.6 1486.0	620.5 678.6 738.7 800.6 864.3 929.7 996.7 1065.4 1135.7	81.4 221.2 121.5 50.7 22.8 64.7 47.1 40.0 38.3 24.8
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	7.714 7.590 7.349 7.263 7.060 7.000 6.883 6.864 6.734 6.718	7.685 7.560 7.319 7.232 7.028 6.967 6.850 6.830 6.699 6.682	34.029 34.042 34.037 34.035 34.041 34.039 34.045 34.044 34.052 34.069	26.558 26.586 26.616 26.627 26.660 26.687 26.690 26.713 26.729	27.922 27.997 28.074 28.131 28.211 28.264 28.331 28.379 28.449 28.510	26.553 26.582 26.612 26.623 26.655 26.662 26.683 26.685 26.708 26.724	152.0 149.4 146.5 145.6 142.5 142.0 140.1 137.9 136.5	7.465 7.616 7.764 7.910 8.055 8.197 8.338 8.478 8.617 8.754	0000000000	1485.4 1485.1 1484.4 1484.2 1483.6 1483.5 1483.3 1483.3 1483.3	1280.9 1355.8 1432.2 1510.0 1669.9 1752.0 1835.5 1920.4 2006.6	6.3 24.7 19.7 13.0 17.6 21.1 3.8 7.9 25.8 36.6
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.7 417.6 427.5 437.4 447.4 457.3 467.2 477.1 487.0	6.666 6.516 6.376 6.298 6.107 5.923 5.845 5.822 5.818 5.733	6.629 6.480 6.339 6.260 6.069 5.884 5.806 5.782 5.777 5.692	34.074 34.070 34.085 34.082 34.076 34.091 34.109 34.119 34.130	26.740 26.760 26.775 26.797 26.819 26.837 26.859 26.876 26.876 26.904	28.568 28.634 28.696 28.765 28.900 28.969 29.031 29.036 29.152	26.735 26.755 26.770 26.792 26.814 26.832 26.854 26.871 26.879 26.899	135.5 133.7 132.3 130.3 128.1 126.4 124.3 122.9 122.1 120.4	8.890 9.025 9.158 9.288 9.418 9.545 9.670 9.794 9.917 10.038		1483.0 1482.6 1482.2 1482.1 1481.5 1480.9 1480.8 1480.8	2094.1 2183.0 2273.2 2364.8 2457.6 2551.7 2647.0 2743.5 2841.3 2940.3	13.8 18.4 24.6 1.7 31.5 20.1 17.1 12.5 11.0
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.6 546.5 556.5 566.4 576.3 586.2	5.665 5.593 5.458 5.407 5.365 5.298 5.172 5.142 5.160 5.143	5.623 5.551 5.415 5.363 5.321 5.253 5.126 5.096 5.113 5.095	34.133 34.134 34.145 34.158 34.169 34.171 34.172 34.180 34.201 34.214	26.915 26.924 26.949 26.965 26.979 26.988 27.004 27.014 27.029 27.042	29.209 29.264 29.337 29.399 29.515 29.515 29.635 29.635 29.753	26.910 26.919 26.944 26.960 26.973 26.983 26.999 27.008 27.024 27.036	119.4 118.6 116.2 114.7 113.5 112.6 111.1 110.3 109.0 107.9	10.158 10.276 10.394 10.509 10.623 10.736 10.848 10.959 11.068 11.177	.00000000000000000000000000000000000000	1480.7 1480.6 1480.2 1480.2 1480.2 1480.1 1479.8 1479.8 1480.1 1480.2	3040.4 3141.8 3244.3 3347.9 3452.7 3558.6 3665.6 3773.7 3882.9 3993.1	7.5 9.5 28.5 13.9 11.5 10.1 14.2 29.7
600.0 610.0 620.0 630.0 640.0 650.0 660.0 680.0 690.0	596.1 606.0 615.9 625.8 635.8 645.7 655.6 665.5 675.4 685.3	5.149 5.121 5.124 5.126 5.190 5.295 5.241 5.150 6.040 4.992	5.101 5.072 5.073 5.075 5.137 5.242 5.187 5.095 4.985 4.936	34.232 34.247 34.256 34.264 34.285 34.337 34.347 34.347 34.346 34.340	27.055 27.070 27.077 27.083 27.093 27.122 27.136 27.147 27.158 27.160	29.812 29.873 29.926 29.978 30.032 30.104 30.165 30.223 30.282 30.330	27.049 27.064 27.072 27.078 27.116 27.130 27.140 27.152 27.153	106.8 105.5 104.9 104.4 103.8 101.3 100.0 99.0 97.9 97.8	11.284 11.390 11.495 11.600 11.704 11.807 11.907 12.007 12.105 12.203	0000000000	1480.4 1480.5 1480.7 1480.8 1481.3 1482.0 1481.9 1481.7 1481.4	4104.5 4216.8 4330.2 4444.7 4560.2 4676.7 4794.2 4912.6 5032.1 5152.5	9.8 2.5 7 21.5 6.1 37.4 17.2 7.8 7.5
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 754.6 764.5 774.4 784.3	4.955 4.910 4.873 4.845 4.837 4.775 4.753 4.709 4.651 4.614	4.899 4.853 4.815 4.786 4.778 4.715 4.692 4.648 4.589 4.552	34.350 34.358 34.358 34.367 34.367 34.377 34.381 34.382 34.382	27.172 27.182 27.187 27.191 27.198 27.211 27.216 27.225 27.232 27.236	30.388 30.445 30.496 30.546 30.599 30.658 30.710 30.764 30.819 30.869	27.165 27.176 27.181 27.185 27.192 27.204 27.210 27.218 27.225 27.229	92.8 92.1 91.4	12.300 12.396 12.492 12.587 12.681 12.775 12.869 12.961 13.053 13.144	00000000000	1481.4 1481.4 1481.5 1481.6 1481.5 1481.6 1481.6 1481.6 1481.5	5273.9 5396.2 5519.5 5643.7 5768.8 5894.9 6021.9 6149.8 6278.6 6408.3	16.6 10.2 9.0 4.6 5.8 8.1 13.7 4.3 6.7 12.2
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 853.6 863.5 873.4 883.3	4.561 4.502 4.465 4.313 4.267 4.248 4.209 4.171 4.136 4.113	4.498 4.439 4.401 4.250 4.203 4.183 4.143 4.105 4.069 4.045	34.388 34.396 34.397 34.395 34.400 34.402 34.408 34.411 34.412 34.413	27.246 27.259 27.265 27.279 27.288 27.292 27.300 27.306 27.311 27.315	30.926 30.985 31.037 31.100 31.156 31.206 31.260 31.313 31.364 31.414	27.240 27.252 27.258 27.272 27.281 27.285 27.293 27.300 27.304 27.307	90.1 88.9 88.4 86.9 85.7 85.0 84.4 84.0	13.234 13.324 13.413 13.500 13.587 13.673 13.758 13.843 13.927 14.011	0000000000	1481.5 1481.4 1481.4 1480.9 1480.9 1481.0 1481.0 1481.0	6538.9 6670.3 6802.7 6935.9 7070.0 7204.9 7340.7 7477.3 7614.7 77752.9	-1.0 13.7 10.5 14.8 6.0 18.9 5.7 5.7
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.098 4.065 4.049 4.016 3.980 3.965 3.933 3.933 3.901 3.886	4.030 3.996 3.980 3.946 3.909 3.861 3.840 3.828 3.812	34.414 34.417 34.419 34.425 34.428 34.428 34.436 34.442 34.445	27.317 27.323 27.326 27.330 27.338 27.342 27.351 27.359 27.363 27.363	31.462 31.515 31.564 31.614 31.669 31.719 31.774 31.827 31.877 31.927	27.310 27.316 27.319 27.322 27.331 27.335 27.344 27.351 27.355 27.359	83.0 82.7 82.5 81.6 81.4 80.5 79.9 79.5	14.094 14.178 14.261 14.343 14.425 14.507 14.588 14.668 14.747 14.827	0000000000	1481.2 1481.3 1481.4 1481.4 1481.5 1481.5 1481.5 1481.7	7892.0 8031.9 8172.6 8314.1 8456.4 8599.6 8743.5 8888.2 9033.7 9179.9	3.1 5.2 1.1 10.5 8.1 5.8 7.8 4.3 5.2 7.3

Station	54	Latitude	32° 08.	39'N	Longitu	de 126°.	54.09'W	02	May 1991	GMT 13	:00	Bottom	2075 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t		Dyn.Ht	LTR	sv	TF m ³ /s ²	N ²
đb	m	•c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	J/kg	0/0	m/s	m ³ /s ²	10 ⁶ /s ²
1000.0 1020.0	992.2 1011.9	3.880	3.806	34.452	27.370	31.976	27.362	79.0	14.906	.0	1482.0	9327.0	6.4
1040.0	1031.7	3.801 3.765	3.725 3.688	34.464 34.469	27.388 27.396	32.087 32.187	27.380 27.388	77.3 76.6	15.063 15.217	.0	1482.0 1482.2	9623.4 9922.8	6.7 6.7
1060.0	1051.5	3.712	3.634	34.474	27.404	32.289	27.397	75.9	15,369	ŏ	1482.3	10225.3	16.1
1080.0 1100.0	1071.3 1091.0	3.673 3.604	3.594	34.478	27.412	32.388	27.404	75.3	15.520	.0	1482.5	10530.7	4.4
1120.0	1110.8	3.540	3.524 3.458	34.485 34.488	27.424 27.433	32.493 32.595	27.416 27.425	74.1 73.3	15.669 15.816	.0	1482.5 1482.6	10839.0 11150.3	-2.4 7.6
1140.0	1130.6	3.498	3.415	34.492	27.441	32.695	27.433	72.6	15.962	.0	1482.7	11464.4	-1.5
1160.0 1180.0	1150.3 1170.1	3.461 3.427	3.376 3.341	34.496 34.500	27.448 27.455	32.794	27.440	72.0	16.107	.0	1482.9	11781.3	5.3 3.5
1200.0						32.893	27.446	71.4	16.250	.0	1483.1	12101.1	
1220.0	1189.9 1209.6	3.369 3.359	3.282 3.271	34.507 34.508	27.465 27.467	32.996 33.090	27.457 27.458	70.4 70.4	16.392 16.533	.0 .0	1483.2 1483.5	12423.6 12748.9	2.9 6.2
1240.0	1229.4	3.297	3.207	34.513	27.478	33.193	27.469	69.4	16.673	.ŏ	1483.6	13077.0	3
1260.0 1280.0	1249.2 1268.9	3.218	3.128	34.521	27.491	33.300	27.482	68.0	16.810	.0	1483.6	13407.7	9.7
1300.0	1288.7	3.170 3.148	3.079 3.055	34.524 34.526	27.498 27.501	33.399 33.494	27.489 27.493	67.4 67.1	16.945 17.080	.0	1483.7 1484.0	13741.1 14077.2	.6 .6
1320.0	1308.4	3.095	3.001	34.530	27.510	33.596	27.501	66.3	17.213	.ŏ	1484.1	14415.8	5
1340.0 1360.0	1328.2 1347.9	3.055 3.008	2.959	34.534	27.517	33.695	27.508	65.7	17.346	.0	1484.2	14757.0	.1
1380.0	1367.6	2.972	2.912 2.874	34.539 34.542	27.525 27.531	33.795 33.894	27.516 27.522	64.9 64.4	17.476 17.605	.0	1484.4 1484.5	15100.9 15447.2	1.8 5.4
1400.0	1387.4	2.934	2.835	34.547	27.538	33.993	27.529	63.7	17.734	.0	1484.7	15796.0	7.1
1420.0	1407.1	2.898	2.798	34.550	27.544	34.091	27.535	63.2	17.861	:ŏ	1484.9	16147.4	3.9
1440.0 1460.0	1426.9	2.878	2.777	34.551	27.547	34.186	27.538	62.9	17.987	.0	1485.2	16501.1	1.9
1480.0	1446.6 1466.3	2.832 2.789	2.729 2.685	34.556 34.560	27.555 27.562	34.286 34.385	27.546 27.553	62.1 61.5	18.112 18.235	.0	1485.3 1485.4	16857.4 17216.0	15.1 -1.9
1500.0	1486.1	2.764	2.658	34.562	27.566	34.481	27.557	61.2	18.358	.ŏ	1485.7	17577.1	7.2
1520.0 1540.0	1505.8 1525.5	2.732 2.694	2.625	34.564	27.570	34.577	27.561	60.8	18.480	.0	1485.9	17940.5	3.1
1560.0	1545.3	2.681	2.587 2.572	34.568 34.568	27.577 27.579	34.676 34.769	27.568 27.569	60.1 60.1	18.601 18.721	.0	1486.1 1486.3	18306.3 18674.4	1.1 .8
1580.0	1565.0	2.648	2.538	34.571	27.584	34.867	27.575	59.5	18.841	٠ŏ	1486.5	19044.8	.2
1600.0	1584.7	2.597	2.485	34.575	27.591	34.967	27.582	58.8	18.959	.0	1486.6	19417.6	1.7
1620.0	1604.4	2.568	2.455	34.578	27.596	35.063	27.587	58.3	19.076	.ŏ	1486.8	19792.7	2.3
1640.0 1660.0	1624.1 1643.9	2.559 2.531	2.444 2.415	34.578 34.581	27.598	35.156	27.588	58.3	19.193	.0	1487.1	20170.0	4.6
1680.0	1663.6	2.512	2.395	34.583	27.602 27.606	35.252 35.347	27.592 27.596	57.9 57.6	19.309 19.424	.0 .0	1487.4 1487.6	20549.5 20931.4	.8 1.7
1700.0	1683.3	2.480	2.362	34.586	27.611	35.444	27.601	57.1	19.539	.ŏ	1487.8	21315.4	2.9
1720.0 1740.0	1703.0 1722.7	2.458 2.405	2.339 2.284	34.587 34.591	27.614 27.621	35.538 35.639	27.604	56.9	19.653	.0	1488.1	21701.7	2.6
1760.0	1742.4	2.365	2.243	34.595	27.628	35.737	27.611 27.618	56.0 55.4	19.766 19.877	.0	1488.2 1488.3	22090.1 22480.8	1.8 2.4
1780.0	1762.1	2.361	2.238	34.595	27.628	35.828	27.618	55.4	19.988	.0	1488.6	22873.6	3.3
1800.0	1781.8	2.315	2.190	34.599	27.635	35.928	27.625	54.7	20.098	.0	1488.8	23268.5	2.7
1820.0 1840.0	1801.5 1821.2	2.288 2.266	2.163 2.139	34.601 34.603	27.639 27.643	36.023 36.118	27.629	54.3	20.206	٠ŏ	1489.0	23665.5	-2.0
1860.0	1840.9	2.215	2.087	34.607	27.650	36.219	27.632 27.640	54.0 53.1	20.315	:0	1489.2 1489.4	24064.6 24465.8	14.7 5.9
1880.0	1860.6	2.188	2.058	34.609	27.654	36.314	27.643	52.8	20.527	.0	1489.6	24869.1	1.0
1900.0 1920.0	1880.3 1900.0	2.182 2.172	2.051 2.040	34.610 34.612	27.655 27.657	36.406 36.499	27.645 27.647	52.7 52.6	20.632 20.738	.0	1489.9 1490.2	25274.4 25681.7	1.0
1940.0	1919.7	2.152	2.019	34.614	27.661	36.593	27.650	52.3	20.738	.0	1490.2	26091.1	8 .1
1960.0 1980.0	1939.4	2.130	1.995	34.615	27.664	36.687	27.653	52.0	20.947	.0	1490.7	26502.5	9.2
	1959.1	2.102	1.966	34.618	27.669	36.784	27.658	51.5	21.051	.0	1490.9	26915.9	1.9
2000.0 2050.0	1978.8 2028.0	2.066 2.049	1.928 1.907	34.621 34.623	27.674 27.677	36.881 37.110	27.663 27.666	50.9 50.8	21.153	٠,٥	1491.1	27331.3	2.8
2052.0	2029.9	2.049	1.907	34.624	27.677	37.110	27.666	50.8	21.407 21.417	.0	1491.8 1491.9	28378.3 28420.5	2.9 .0
									-				

Station	55	Latitude	32' 05.	59'N	Longit	ude 126°	55.46'W	02	May 1991	GMT 15	:02	Bottom	950 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 79.7	14.928 14.929 14.927 14.931 14.601 14.354 14.281 14.098 14.016 13.735	14.928 14.927 14.924 14.926 14.595 14.347 14.273 14.088 14.004 13.722	33.173 33.175 33.175 33.166 33.183 33.180 33.166 33.201 33.162	24.580 24.582 24.583 24.587 24.712 24.725 24.752 24.796 24.825	24.580 24.626 24.671 24.715 24.933 24.990 25.063 25.151 25.225	24.580 24.582 24.581 24.645 24.710 24.723 24.759 24.759 24.823	334.8 334.9 335.1 335.4 329.6 323.6 322.7 320.3 316.4 313.9	.000 .335 .670 1.005 1.340 1.666 1.989 2.310 2.628 2.943	00000000000	1504.9 1505.1 1505.2 1505.4 1504.5 1503.9 1503.8 1503.4 1503.3	.0 1.7 6.7 15.0 26.7 41.7 59.9 81.3 105.9 133.6	1.9 -1.3 164.6 27.3 13.8 51.8 40.7 21.0
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.2	13.577 13.477 13.358 12.302 11.148 10.449 9.744 9.514 9.292 9.160	13.563 13.462 13.341 12.285 11.131 10.432 9.726 9.496 9.272 9.140	33.155 33.162 33.160 33.154 33.110 33.137 33.224 33.299 33.423 33.495	24.852 24.878 24.900 25.103 25.281 25.425 25.611 25.708 25.918	25.296 25.366 25.434 25.683 25.910 26.100 26.333 26.476 26.655 26.778	24.849 24.875 24.897 25.099 25.278 25.422 25.608 25.705 25.915	311.6 309.4 307.5 288.3 271.2 257.6 239.9 230.9 218.4 211.2	3.255 3.566 3.874 4.173 4.451 4.716 4.963 5.198 5.198 5.637	0000000000	1502.1 1502.0 1501.7 1498.3 1494.4 1492.1 1489.8 1489.2 1488.7 1488.4	164.5 198.4 235.5 275.6 318.5 364.1 412.3 462.8 515.6 570.6	26.0 23.1 43.2 260.3 116.6 208.4 54.3 89.7 52.5 60.6
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.067 8.933 8.798 8.710 8.611 8.516 8.345 8.225 8.085 7.963	9.045 8.910 8.775 8.686 8.586 8.490 8.319 8.197 8.056 7.934	33.653 33.763 33.789 33.855 33.911 33.954 33.977 33.985 33.989 34.018	26.056 26.164 26.206 26.271 26.330 26.379 26.423 26.448 26.480 26.513	26.962 27.115 27.202 27.313 27.418 27.513 27.603 27.673 27.752 27.831	26.053 26.160 26.202 26.267 26.326 26.375 26.419 26.443 26.443 26.508	198.3 188.2 184.4 178.4 172.9 168.4 164.4 162.2 159.2	5.841 6.034 6.220 6.402 6.577 6.748 6.915 7.078 7.239 7.397	0000000000	1488.5 1488.3 1488.0 1487.9 1487.7 1487.6 1487.1 1486.9 1486.5 1486.2	627.7 686.7 747.6 810.3 874.8 941.0 1008.9 1078.4 1149.5 1222.2	169.9 40.1 61.8 78.8 36.6 34.2 33.9 21.6 21.6
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.883 7.729 7.610 7.310 7.244 7.125 7.016 6.826 6.754 6.639	7.853 7.698 7.579 7.278 7.211 7.092 6.982 6.792 6.719 6.603	34.022 34.026 34.031 34.032 34.033 34.040 34.050 34.057 34.064	26.528 26.553 26.575 26.618 26.628 26.650 26.673 26.694 26.714 26.736	27.892 27.963 28.031 28.122 28.178 28.247 28.316 28.383 28.450 28.518	26.523 26.549 26.570 26.614 26.624 26.646 26.668 26.709 26.731	154.9 152.6 150.6 146.5 145.6 143.6 141.5 137.8 135.8	7.552 7.705 7.856 8.005 8.151 8.295 8.438 8.579 8.717 8.854	0000000000	1486.1 1485.7 1485.4 1484.4 1484.3 1484.0 1483.7 1483.0 1483.0 1482.7	1296.4 1372.2 1449.5 1528.2 1690.1 1773.1 1857.6 1943.5 2030.7	42.1 31.8 19.8 9.5 40.8 3.3 33.1 28.1 9.1 21.9
400.0 410.0 420.0 430.0 440.0 450.0 460.0 480.0 490.0	397.7 407.7 417.6 427.5 437.4 447.3 467.3 467.2 477.1 487.0	6.455 6.280 6.267 6.117 6.007 5.942 5.884 5.793 5.783	6.419 6.244 6.230 6.079 5.969 5.903 5.845 5.753 5.753 5.742 5.633	34.066 34.075 34.085 34.085 34.094 34.097 34.107 34.109 34.115	26.761 26.790 26.801 26.814 26.833 26.849 26.858 26.878 26.881 26.889	28.591 28.667 28.723 28.784 28.850 28.912 28.968 29.034 29.032 29.147	26.757 26.786 26.796 26.810 26.829 26.844 26.854 26.873 26.873 26.894	133.3 130.6 129.7 128.4 126.6 125.2 124.4 122.6 122.5 120.8	8.988 9.120 9.250 9.379 9.507 9.633 9.758 9.881 10.004		1482.2 1481.7 1481.8 1481.3 1481.1 1481.0 1480.7 1480.7 1480.9 1480.6	2119.2 2209.1 2300.2 2392.7 2486.4 2581.3 2677.5 2774.9 2873.6 2973.4	16.9 5.5 29.5 22.5 23.6 26.5 5.4 11.9 23.6
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.6 546.5 556.4 576.3 586.2	5.626 5.620 5.540 5.533 5.348 5.285 5.232 5.293 5.257 5.203	5.584 5.577 5.497 5.489 5.304 5.240 5.186 5.247 5.210 5.155	34.135 34.150 34.177 34.171 34.171 34.181 34.201 34.220 34.229	26.921 26.934 26.944 26.966 26.983 26.990 27.004 27.013 27.033 27.046	29.216 29.274 29.330 29.398 29.463 29.577 29.578 29.632 29.637 29.757	26.916 26.928 26.938 26.960 26.977 26.984 26.999 27.008 27.008 27.027	118.8 117.7 116.8 114.8 113.1 112.5 111.2 110.5 108.8 107.6	10.245 10.363 10.481 10.596 10.710 10.823 10.935 11.046 11.155 11.263	.00000000000000000000000000000000000000	1480.6 1480.7 1480.6 1480.7 1480.1 1480.1 1480.5 1480.5 1480.5	3074.4 3176.6 3280.0 3384.5 3490.1 3596.9 3704.8 3813.7 3923.8 4034.9	21.8 5.7 20.4 21.0 8.6 11.8 13.9 17.4 14.5 5.1
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0 690.0	596.1 606.0 615.9 625.8 635.8 645.7 655.6 665.4 685.3	5.177 5.170 5.139 5.130 5.138 5.295 5.315 5.293 5.218 5.124	5.128 5.120 5.089 5.078 5.086 5.241 5.260 5.237 5.162 5.067	34.237 34.254 34.260 34.266 34.279 34.321 34.337 34.347 34.347	27.056 27.070 27.079 27.085 27.094 27.109 27.119 27.126 27.139 27.150	29.813 29.872 29.927 29.979 30.033 30.091 30.147 30.199 30.259 30.318	27.050 27.064 27.073 27.079 27.087 27.103 27.113 27.119 27.132 27.144	104.3 103.6 102.6 101.7 101.2 100.0	11.370 11.476 11.581 11.686 11.790 11.893 11.995 12.096 12.197 12.296	.00000000000000000000000000000000000000	1480.5 1480.7 1480.7 1480.9 1481.1 1481.9 1482.2 1482.3 1482.1 1481.9	4147.1 4260.3 4374.6 4489.9 460.2 4723.5 4841.9 4961.3 5081.6 5202.9	15.1 18.0 4.0 6.6 7.5 18.4 4.6 9.0 2.6 22.2
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.5 784.3	5.023 4.978 4.960 4.935 4.838 4.779 4.698 4.668 4.648 4.594	4.967 4.920 4.902 4.876 4.778 4.719 4.638 4.607 4.586 4.532	34.345 34.347 34.355 34.367 34.370 34.373 34.378 34.381 34.383 34.385	27.160 27.167 27.176 27.187 27.201 27.210 27.223 27.229 27.233 27.240	30.375 30.428 30.483 30.540 30.602 30.658 30.717 30.769 30.819 30.873	27.153 27.160 27.169 27.181 27.195 27.204 27.216 27.222 27.226 27.233	97.3 96.6 95.6 94.2 93.3 92.1 91.6 91.3	12.395 12.492 12.590 12.685 12.781 12.874 12.967 13.059 13.150 13.241	0000000000	1481.7 1481.8 1481.8 1481.6 1481.5 1481.4 1481.4 1481.4	5325.3 5448.5 5572.8 5697.9 5824.1 6079.1 6207.9 6337.7 6468.4	14.6 2.0 13.1 1.1 14.0 18.7 2.2 5.8 2.5
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.3 804.2 814.0 824.0 833.8 843.7 853.7 863.5 873.5	4.533 4.510 4.500 4.485 4.465 4.427 4.393 4.357 4.261 4.205	4.471 4.447 4.436 4.420 4.399 4.361 4.326 4.290 4.194 4.137	34.385 34.385 34.395 34.402 34.422 34.425 34.425 34.425 34.432	27.245 27.250 27.259 27.263 27.268 27.288 27.295 27.299 27.314 27.325	30.925 30.976 31.031 31.080 31.132 31.198 31.251 31.301 31.364 31.423	27.238 27.243 27.252 27.255 27.261 27.281 27.287 27.291 27.307 27.318	90.1 89.8 89.0 88.8 88.3 86.5 85.9	13.332 13.422 13.511 13.600 13.688 13.776 13.862 13.948 14.032 14.115	.00.00000000000000000000000000000000000	1481.3 1481.4 1481.6 1481.7 1481.8 1481.8 1481.8 1481.6 1481.5	6599.9 6732.4 6865.7 6999.9 7135.0 7270.9 7407.7 7545.3 7683.8 7823.0	7.8 13.7 1 .8 5.5 11.1 1.1 30.1 11.9 7.5
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.152 4.150 4.148 4.139 4.063 4.048 4.050 4.051 4.039 3.953	4.083 4.080 4.078 4.068 3.991 3.976 3.978 3.977 3.965 3.878	34.439 34.438 34.438 34.437 34.437 34.437 34.437 34.439 34.448	27.333 27.331 27.331 27.332 27.339 27.341 27.340 27.340 27.343 27.360	31.477 31.521 31.566 31.613 31.668 31.715 31.760 31.806 31.855 31.919	27.325 27.324 27.324 27.325 27.332 27.333 27.333 27.333 27.336 27.352	82.4 82.5 82.5 81.7 81.7 81.8 81.9	14.198 14.280 14.363 14.445 14.527 14.691 14.691 14.772 14.854 14.936	0000000000	1481.5 1481.6 1481.8 1481.9 1481.9 1482.0 1482.0 1482.2 1482.3 1482.1	7963.1 8104.0 8245.8 8388.3 8531.6 8675.7 8820.7 8966.4 9112.9 9260.3	2.8 -1.5 7 3.7 -1.2 1.4 -2.4 9 8.2 46.2

Station	55	Latitude	32° 05.	59'N	Longitu	de 126°	55.46'W	02	May 1991	GMT 15	:02	Bottom	950 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
1000.0 1020.0 1040.0 1060.0 1074.0	992.2 1012.0 1031.7 1051.5 1065.3	3.923 3.908 3.907 3.822 3.806	3.848 3.831 3.829 3.743 3.726	34.450 34.453 34.456 34.461	27.364 27.368 27.371 27.383	31.969 32.065 32.159 32.265	27.356 27.361 27.363 27.375	79.7 79.4 79.3 78.1	15.015 15.174 15.333 15.490	.00	1482.2 1482.4 1482.8 1482.8	9408.4 9707.0 10008.7 10313.5	10.5 .0 1.2 -1.8

Station	56	Latitude	32° 02.	61'N	Longit	ude 126°	57.53'W	02	May 1991	GMT 1	5:28	Bottom	2375 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ^{TF}	N ² 10 ⁶ /s ²
10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	14.940 14.942 14.944 14.946 14.421 14.316 14.135 14.135	14.940 14.941 14.940 14.940 14.414 14.307 14.125 14.364 14.123	33.186 33.171 33.184 33.185 33.162 33.170 33.145 33.242 33.209	24.587 24.576 24.586 24.586 24.586 24.681 24.710 24.728 24.753 24.778	24.587 24.620 24.674 24.718 24.763 24.903 24.976 25.038 25.107 25.177	24.587 24.575 24.585 24.585 24.585 24.680 24.708 24.726 24.751 24.776	334.1 335.5 334.8 335.1 335.3 326.6 324.1 322.6 318.4	.000 .334 .669 1.004 1.339 1.671 1.996 2.319 2.641 2.960	.00000000000000000000000000000000000000	1505.0 1505.1 1505.3 1505.5 1505.6 1504.1 1503.9 1503.5 1504.5	1.7 6.7 15.0 26.7 41.7 59.9 81.4 106.1	.0 .7 .1 -1.0 1.0 35.8 17.9 28.1 37.0 15.8
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.2	13.832 13.677 13.433 11.737 10.679 10.114 9.672 9.555 9.270 9.192	13.818 13.661 13.416 11.721 10.663 10.097 9.655 9.536 9.250 9.171	33.188 33.182 33.168 33.112 33.095 33.123 33.236 33.280 33.382 33.463	24.825 24.853 24.892 25.176 25.352 25.486 25.686 25.686 25.812 25.888	25.268 25.341 25.425 25.758 25.982 26.355 26.455 26.455 26.747	24.822 24.850 24.888 25.173 25.349 25.629 25.683 25.809 25.884	314.2 311.8 308.4 281.2 264.4 251.7 237.9 232.9 231.1 214.1	3.277 3.590 3.900 4.195 4.468 4.725 4.970 5.205 5.431 5.649	00000000000	1503.0 1502.6 1502.0 1496.3 1492.7 1490.9 1489.5 1488.5 1488.5	165.1 199.3 236.5 276.9 320.0 365.7 413.9 464.5 517.4 572.5	20.5 17.5 76.9 240.0 153.7 106.5 78.3 109.9 101.1 76.7
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.168 8.969 8.904 8.754 8.654 8.593 8.355 8.210 8.058 7.956	9.146 8.947 8.881 8.730 8.629 8.567 8.328 8.183 8.030 7.927	33.619 33.712 33.756 33.837 33.887 33.993 33.972 33.993 34.006 34.013	26.014 26.118 26.163 26.250 26.305 26.353 26.418 26.456 26.489 26.510	26.919 27.069 27.159 27.292 27.393 27.486 27.597 27.682 27.761 27.828	26.010 26.115 26.159 26.247 26.301 26.349 26.414 26.452 26.485 26.506	202.3 192.6 188.5 180.4 175.3 170.9 164.9 161.4 158.3 156.5	5.858 6.058 6.248 6.431 6.608 6.781 6.950 7.112 7.272 7.430	00000000000	1488.8 1488.3 1488.0 1487.9 1487.9 1487.2 1486.8 1486.4 1486.2	629.8 689.0 750.1 813.1 877.9 944.5 1012.7 1082.5 1154.0 1227.0	47.2 178.3 134.4 40.4 22.5 26.3 74.0 18.1 35.9 35.3
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.778 7.559 7.559 7.330 7.251 7.092 6.945 6.814 6.719 6.638	7.748 7.529 7.473 7.298 7.219 7.059 6.912 6.780 6.684 6.603	34.028 34.031 34.030 34.029 34.026 34.031 34.041 34.052 34.054 34.060	26.548 26.581 26.588 26.613 26.622 26.648 26.676 26.702 26.716 26.732	27.912 27.993 28.045 28.117 28.244 28.319 28.392 28.453 28.514	26.544 26.577 26.584 26.608 26.617 26.643 26.671 26.671 26.712 26.727	152.9 149.8 149.3 147.0 146.3 143.8 141.2 138.7 137.5 136.1	7.584 7.735 7.885 8.033 8.179 8.324 8.466 8.606 8.744 8.881	0000000000	1485.7 1485.0 1485.0 1484.4 1484.3 1483.8 1483.4 1483.1 1482.9 1482.7	1301.5 1377.6 1455.2 1534.2 1614.7 1696.6 1780.0 1864.7 1950.8 2038.3	43.2 3.0 17.7 19.1 22.9 13.8 16.1 6 4.7 21.1
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.8 407.7 417.6 427.5 437.4 447.4 457.3 467.2 477.1 487.0	6.492 6.462 6.378 6.255 6.192 6.145 6.082 6.005 5.941	6.456 6.425 6.341 6.217 6.154 6.106 6.042 5.964 5.960 5.772	34.069 34.083 34.091 34.088 34.097 34.114 34.135 34.143 34.146 34.146	26.759 26.774 26.791 26.804 26.839 26.864 26.880 26.890 26.890	28.588 28.649 28.712 28.773 28.834 28.899 28.971 29.033 29.033 29.035	26.754 26.769 26.786 26.799 26.815 26.834 26.859 26.875 26.885 26.901	133.6 132.3 130.7 129.5 128.1 126.4 124.1 122.6 121.8	9.016 9.149 9.281 9.411 9.539 9.667 9.792 9.916 10.038	0000000000	1482.3 1482.4 1482.2 1481.9 1481.8 1481.8 1481.6 1481.6 1481.5 1481.5	2127.1 2217.3 2308.7 2401.4 2495.5 2590.7 2687.3 2785.0 2884.0 2984.2	10.8 12.9 13.1 11.1 8.1 31.0 28.0 12.5 2.3 21.6
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.6 546.5 556.5 566.4 576.3 586.2	5.813 5.724 5.651 5.660 5.615 5.273 5.351 5.347 5.306 5.247	5.770 5.681 5.607 5.615 5.570 5.228 5.305 5.300 5.259 5.199	34.155 34.166 34.168 34.177 34.183 34.161 34.194 34.213 34.224 34.233	26.914 26.934 26.944 26.950 26.961 26.984 27.001 27.017 27.030 27.044	29.206 29.273 29.330 29.381 29.438 29.511 29.573 29.634 29.694 29.755	26.908 26.928 26.939 26.945 26.955 26.978 26.996 27.011 27.024 27.039	119.7 117.8 116.9 116.4 115.5 113.0 111.6 110.3	10.279 10.398 10.516 10.632 10.748 10.863 10.976 11.087 11.196	0000000000	1481.4 1481.2 1481.1 1481.3 1481.3 1480.0 1480.5 1480.7 1480.7	3085.5 3188.1 3291.8 3396.7 3502.7 3609.8 3718.1 3827.5 3937.9 4049.5	11.6 9.0 16.6 4.0 16.9 9.8 30.0 16.3 15.1
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0 690.0	596.1 606.0 615.9 625.9 635.8 645.7 655.6 665.5 675.4 685.3	5.230 5.427 5.412 5.375 5.370 5.339 5.317 5.224 5.129 5.131	5.181 5.376 5.360 5.323 5.317 5.285 5.262 5.168 5.074	34.257 34.301 34.310 34.312 34.323 34.334 34.338 34.338 34.350 34.356	27.066 27.077 27.086 27.092 27.102 27.114 27.120 27.140 27.152 27.156	29.822 29.876 29.930 29.982 30.037 30.096 30.148 30.215 30.274	27.060 27.071 27.080 27.086 27.095 27.107 27.114 27.134 27.146 27.149	105.2 104.5 104.0 103.2 102.2 101.7 99.7 98.6	11.411 11.517 11.622 11.726 11.830 11.932 12.034 12.135 12.234 12.332	.00000000000000000000000000000000000000	1480.8 1481.8 1481.9 1481.9 1482.1 1482.1 1482.2 1482.0 1481.8 1482.0	4162.0 4275.7 4390.3 4506.0 4622.8 4740.5 4859.3 4979.0 5099.7 5221.4	4.6 7 12.2 .5 19.6 11.1 17.8 41.2
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0	695.2 705.1 715.0 724.9 734.8 744.7 754.7 764.5 774.5	5.060 4.986 4.902 4.911 4.854 4.769 4.737 4.682 4.640 4.612	5.003 4.929 4.844 4.852 4.795 4.710 4.677 4.621 4.579 4.550	34.362 34.362 34.362 34.382 34.385 34.385 34.389 34.391 34.391	27.170 27.178 27.187 27.194 27.209 27.221 27.230 27.234 27.240 27.243	30.384 30.439 30.496 30.548 30.609 30.668 30.724 30.774 30.826 30.876	27.164 27.171 27.181 27.187 27.202 27.214 27.223 27.227 27.233 27.236	96.3 95.4 94.9 93.5 92.4 91.5 91.2	12.430 12.527 12.622 12.718 12.812 12.905 12.997 13.088 13.179 13.270	.00000000000000000000000000000000000000	1481.8 1481.7 1481.5 1481.7 1481.7 1481.5 1481.5 1481.5 1481.5	5344.1 53467.7 5592.3 5717.8 5844.2 5971.6 6099.8 6229.0 6359.1 6490.0	14.3 7.8 6.1 21.0 16.9 8.1 16.0 3.4 3.7
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.3 804.2 814.1 824.0 833.9 843.8 853.7 863.6 873.5 883.3	4.585 4.571 4.543 4.503 4.483 4.421 4.385 4.355	4.522 4.508 4.479 4.469 4.416 4.354 4.318 4.287	34.394 34.401 34.401 34.405 34.406 34.408 34.411 34.416 34.424	27.249 27.250 27.259 27.260 27.267 27.270 27.278 27.284 27.291 27.300	30.927 30.975 31.029 31.077 31.129 31.179 31.234 31.286 31.340 31.394	27.242 27.243 27.252 27.253 27.260 27.263 27.271 27.277 27.284 27.293	89.9 89.1 89.0 88.5 88.3 87.5 86.9	13.360 13.450 13.539 13.628 13.717 13.805 13.893 13.980 14.067 14.153	0000000000	1481.6 1481.7 1481.7 1481.9 1481.9 1482.0 1481.9 1482.0 1482.1	6621.8 6754.6 6888.2 7022.7 7158.0 7294.2 7431.3 7569.3 7708.1 7847.7	6.7 5.2 7.6 4.3 1.1 10.8 2.6 14.3
900.0 910.0 920.0 930.0 940.0 950.0 970.0 980.0 990.0	893.3 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.282 4.252 4.226 4.192 4.153 4.128 4.113 4.105 4.050 4.008	4.213 4.182 4.155 4.121 4.081 4.056 4.040 4.031 3.976 3.933	34.426 34.435 34.435 34.442 34.446 34.453 34.458 34.460 34.463	27.307 27.313 27.321 27.326 27.334 27.340 27.347 27.352 27.359 27.366	31.448 31.501 31.554 31.606 31.712 31.765 31.816 31.870 31.924	27.300 27.306 27.313 27.319 27.326 27.332 27.339 27.344 27.352 27.358	84.3 83.6 83.2 82.4 82.0 81.4 80.9	14.238 14.323 14.406 14.490 14.573 14.655 14.737 14.818 14.898 14.978	0000000000	1482.0 1482.1 1482.1 1482.1 1482.2 1482.3 1482.3 1482.4	7988.2 8129.5 8271.7 8414.6 8558.4 8703.0 8848.4 8994.6 9141.6 9289.3	3.8 5.2 5.1 7.0 4.3 5.9 4.1

Station	56	Latitude	32° 02.	61'N	Longitu	de 126°	57.53'W	02	May 1991	GMT 16	:28	Bottom	2375 m
Pres. db	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn. Ht	LTR	sv	TF m ³ /s ²	N ²
1000.0	m 992.2	°C 3.969	°C 3.894	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	•	0/0	m/s		10 ⁶ /s ²
1020.0	1012.0	3.900	3.823	34.464 34.473	27.370 27.385	31.974 32.082	27.363 27.377	79.2 77.8	15.058 15.215	.0	1482.4 1482.4	9437.9 9737.3	2.0 1.7
1040.0 1060.0	1031.7 1051.5	3.823 3.766	3.745 3.687	34.480	27.398	32.188	27.390	76.6	15.369	.0	1482.5	10039.7	6.4
1080.0	1071.3	3.686	3.606	34.484 34.484	27.408 27.415	32.290 32.391	27.400 27.407	75.7 75.0	15.521 15.672	.0 .0	1482.6 1482.5	10345.2 10653.6	2.9
1100.0	1091.1	3.636	3.555	34.489	27.425	32.493	27.417	74.2	15.821	.ŏ	1482.7	10965.0	3.2
1120.0 1140.0	1110.8 1130.6	3.591 3.549	3.509 3.466	34.493 34.501	27.432	32.592	27.424	73.5	15.969	.0	1482.8	11279.2	1.7
1160.0	1150.4	3.515	3.430	34.501	27.443 27.451	32.696 32.795	27.435 27.442	72.5 71.9	16.115 16.260	.0	1483.0 1483.2	11596.4 11916.3	2.9 2.6
1180.0	1170.1	3.482	3.396	34.509	27.456	32.893	27.448	71.4	16.403	.ŏ	1483.4	12239.1	4.7
1200.0 1220.0	1189.9	3.435	3.348	34.512	27.463	32.992	27.455	70.9	16.545	.0	1483.5	12564.7	5.3
1240.0	1209.7 1229.4	3.404 3.347	3.316 3.257	34.513 34.514	27.467 27.474	33.088 33.188	27.458 27.465	70.6 69.9	16.687 16.827	.0	1483.7 1483.8	12893.0 13224.1	1.5 3.9
1260.0	1249.2	3.279	3.188	34.519	27.483	33.290	27.475	68.9	16.966	:ŏ	1483.8	13558.0	5.6
1280.0 1300.0	1268.9	3.228	3.136	34.524	27.493	33.392	27.484	68.0	17.104	.0	1484.0	13894.5	10.0
1320.0	1288.7 1308.4	3.185 3.152	3.092 3.057	34.526 34.527	27.498 27.502	33.490 33.586	27.490 27.493	67.6 67.2	17.239 17.374	.0	1484.1 1484.3	14233.7 14575.5	.9 .4
1340.0	1328.2	3.139	3.043	34.528	27.505	33.680	27.496	67.1	17.508	:ŏ	1484.6	14919.9	3.0
1360.0 1380.0	1347.9 1367.7	3.107 3.102	3.009	34.530	27.510	33.777	27.500	66.7	17.642	.0	1484.8	15267.0	5.1
1400.0	1387.4	3.102	3.003	34.532	27.511	33.869	27.502	66.7	17.775	.0	1485.1	15616.6	4.2
1420.0	1407.2	3.016	2.967 2.914	34.536 34.539	27.518 27.525	33.968 34.068	27.509 27.516	66.0 65.3	17.908 18.040	.0	1485.3 1485.4	15968.9 16323.7	2.8 .4
1440.0	1426.9	2.973	2.871	34.544	27.533	34.168	27.524	64.6	18.170	.ŏ	1485.6	16681.1	1.6
1460.0 1480.0	1446.6 1466.4	2.929 2.866	2.825 2.761	34.548 34.553	27.540 27.550	34.268 34.371	27.531 27.541	63.9 62.9	18.299 18.425	٠,	1485.7 1485.8	17040.9	-3.4
1500.0	1486.1	2.824	2.718	34.558	27.558	34.470	27.548	62.2	18.551	.0	1485.9	17403.3 17768.1	-1.0 5.2
1520.0 1540.0	1505.8 1525.6	2.815 2.806	2.708	34.560	27.560	34.564	27.550	62.1	18.675	.0	1486.2	18135.4	4
1560.0	1545.3	2.763	2.697 2.653	34.560 34.561	27.561 27.566	34.656 34.753	27.551 27.556	62.1 61.5	18.799 18.922	.0	1486.5 1486.7	18505.0 18877.1	5.2 1.1
1580.0	1565.0	2.751	2.639	34.564	27.569	34.847	27.559	61.3	19.045	.ŏ	1487.0	19251.6	1.2
1600.0 1620.0	1584.7 1604.4	2.729 2.662	2.616 2.548	34.565 34.570	27.572 27.582	34.942	27.562	61.1	19.167	.0	1487.2	19628.4	8.5
1640.0	1624.2	2.623	2.508	34.574	27.588	35.045 35.144	27.572 27.578	60.0 59.4	19.288 19.408	.0	1487.2 1487.4	20007.6 20389.1	1.7
1660.0	1643.9	2.566	2.450	34.578	27.597	35.245	27.587	58.5	19.526	.0	1487.5	20773.0	7.3
1680.0 1700.0	1663.6 1683.3	2.505 2.477	2.388 2.359	34.583 34.585	27.606 27.610	35.348	27.596	57.5	19.642	.0	1487.6	21159.1	8.5
1720.0	1703.0	2.459	2.339	34.587	27.613	35.443 35.537	27.600 27.603	57.1 56.9	19.757 19.871	.0	1487.8 1488.1	21547.4 21938.0	3.2 1.2
1740.0 1760.0	1722.7	2.449	2.328	34.588	27.615	35.630	27.605	56.8	19.985	.0	1488.4	22330.8	9.4
1780.0	1742.4 1762.2	2.411 2.394	2.289 2.270	34.590 34.592	27.620 27.623	35.728 35.822	27.610 27.613	56.3	20.097 20.210	٠,٥	1488.5	22725.7	.o
1800.0	1781.9	2.363	2.237	34.595	27.628	35.918	27.618	56.0 55.5		.0	1488.8	23122.9	5
1820.0	1801.6	2.332	2.206	34.599	27.634	36.016	27.623	55.0	20.321 20.432	.0	1489.0 1489.2	23522.2 23923.7	-1.7 2.1
1840.0 1860.0	1821.3	2.297	2.170	34.601	27.639	36.113	27.628	54.5	20.542	.0	1489.4	24327.3	7.4
1880.0	1841.0 1860.7	2.253 2.244	2.124	34.605 34.606	27.645 27.647	36.212 36.304	27.635 27.636	53.8 53.7	20.650 20.757	.0	1489.5 1489.8	24733.0 25140.7	•7
1900.0	1880.3	2.208	2.077	34.609	27.652	36.401	27.642	53.1	20.864	.ŏ	1490.0	25550.6	.7 4.2
1920.0 1940.0	1900.0 1919.7	2.207 2.197	2.074 2.063	34.609 34.610	27.653 27.654	36.492 36.584	27.642 27.643	53.2	20.971	.0	1490.3	25962.5	4.5
1960.0	1939.4	2.190	2.054	34.610	27.655	36.675	27.643	53.1 53.1	21.077 21.183	.0	1490.6 1490.9	26376.5 26792.5	2.8 .8
1980.0	1959.1	2.186	2.048	34.611	27.656	36.767	27.645	53.1	21.289	.ŏ	1491.2	27210.6	1.1
2000.0 2050.0	1978.8 2028.0	2.180 2.110	2.041 1.968	34.611	27.657	36.858	27.646	53.1	21.396	.0	1491.6	27630.7	3.4
2098.0	2075.2	2.076	1.930	34.618 34.621	27.668 27.674	37.098 37.321	27.657 27.662	51.9 51.5	21.658 21.906	.0	1492.1 1492.8	28689.9 29718.6	.8
								01.0		••	-77E.0	- 7 / I U . Q	

Station		Latitude	31. 59.	94'N	Longit	ude 126°	58.94'W	02	May 1991	GMT 18	:21	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg		LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.8 49.8 59.8 69.7 79.7	15.004 15.005 15.008 15.004 14.970 14.349 14.237 14.225 14.196 14.244	15.004 15.003 15.005 15.000 14.964 14.342 14.228 14.205 14.184 14.231	33.179 33.182 33.184 33.181 33.156 33.143 33.144 33.147 33.184	24.568 24.571 24.572 24.578 24.578 24.691 24.705 24.711 24.718 24.737	24.568 24.615 24.660 24.705 24.755 24.913 24.971 25.021 25.072 25.135	24.568 24.571 24.571 24.577 24.577 24.690 24.703 24.709 24.715 24.734	335.9 336.1 336.4 336.1 325.6 324.6 324.3 323.9 322.4	.000 .336 .672 1.008 1.345 1.673 2.322 2.646 2.969	00000000000	1505.2 1505.3 1505.7 1505.7 1503.8 1503.6 1503.8 1503.8	.0 1.7 6.7 15.1 26.8 41.8 60.1 81.6 106.4 134.3	.0 .4 .7 .7 177.3 11.5 -1.2 9.1 9.7 29.6
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2	14.217 13.880 13.617 12.665 11.361 10.320 9.797 9.620 9.294 9.278	14.203 13.865 13.601 12.648 11.343 10.303 9.780 9.601 9.274 9.257	33.207 33.180 33.190 33.152 33.053 33.116 33.183 33.255 33.368 33.489	24.760 24.809 24.871 25.031 25.199 25.431 25.570 25.656 25.797 25.894	25.203 25.297 25.404 25.611 25.827 26.106 26.292 26.424 26.611 26.754	24.757 24.806 24.868 25.028 25.196 25.428 25.567 25.653 25.794 25.891	320.5 316.0 310.3 295.2 279.1 257.0 243.8 235.8 235.8 213.5	3.291 3.608 3.921 4.225 4.511 4.780 5.030 5.271 5.501 5.720		1504.3 1503.3 1502.6 1499.5 1495.1 1491.6 1489.5 1488.6 1488.9	165.5 199.8 237.3 277.9 321.4 367.6 416.4 467.7 521.2 577.0	33.1 65.9 55.6 155.0 170.2 85.7 35.5 128.3 84.4 83.8
200.0 210.0 220.0 230.0 240.0 250.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.8 268.7 278.6 288.5	9.237 8.982 8.987 8.785 8.815 8.625 8.625 8.518 8.290 8.141	9.216 8.960 8.963 8.770 8.789 8.741 8.598 8.490 8.262 8.112	33.534 33.620 33.729 33.779 33.830 33.883 33.924 33.924 33.934 33.974	25.936 26.044 26.129 26.198 26.235 26.284 26.339 26.429 26.468	26.841 26.995 27.125 27.240 27.322 27.417 27.517 27.587 27.700 27.785	25.933 26.041 26.125 26.195 26.231 26.280 26.335 26.359 26.425 26.464	209.7 199.6 191.8 185.3 182.0 177.5 172.5 170.3 164.1 160.5	5.931 6.136 6.332 6.521 6.704 6.884 7.059 7.230 7.397 7.559	0000000000	1488.9 1488.6 1488.1 1488.4 1488.5 1488.1 1488.1 1487.9 1487.3 1486.9	635.0 695.0 756.9 820.8 886.5 954.0 1023.3 1166.9 1241.2	81.2 104.6 88.8 74.1 25.2 40.4 29.6 33.1 95.7
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.3 338.2 348.1 358.1 368.0 377.9 387.8	7.996 7.857 7.705 7.591 7.394 7.207 7.123 6.947 6.797	7.966 7.826 7.673 7.559 7.361 7.174 7.089 6.913 6.762 6.679	34.009 34.024 34.029 34.033 34.028 34.030 34.027 34.041 34.041	26.501 26.533 26.559 26.579 26.603 26.631 26.640 26.675 26.696 26.711	27.864 27.942 28.015 28.081 28.152 28.226 28.282 28.364 28.432 28.493	26.496 26.529 26.555 26.574 26.599 26.626 26.636 26.636 26.691 26.706	157.6 154.5 152.2 150.4 148.1 145.5 144.7 139.5 138.2	7.719 7.875 8.028 8.180 8.329 8.476 8.622 8.764 8.905 9.044		1486.5 1486.1 1485.7 1485.5 1484.9 1484.1 1484.1 1483.6 1483.2 1483.0	1317.1 1394.5 1473.5 1554.0 1635.9 1719.4 1804.3 1890.6 1978.3 2067.3	26.9 33.3 10.1 16.0 39.1 33.2 23.8 2.4 3.5 35.1
400.0 410.0 420.0 430.0 440.0 450.0 470.0 480.0 490.0	397.8 407.7 417.6 427.5 437.5 447.4 457.3 467.2 477.1	6.611 6.547 6.500 6.382 6.364 6.280 6.226 5.913 5.937 5.932	6.574 6.510 6.462 6.344 6.325 6.240 6.186 5.873 5.896 5.890	34.053 34.077 34.086 34.093 34.114 34.128 34.129 34.104 34.128 34.157	26.730 26.758 26.771 26.792 26.811 26.825 26.841 26.861 26.8677 26.901	28.559 28.633 28.693 28.759 28.824 28.884 28.946 29.015 29.146	26.726 26.753 26.766 26.787 26.806 26.820 26.836 26.836 26.872 26.895	136.4 133.8 132.7 130.8 129.1 127.8 126.5 124.4 123.0 120.9	9.181 9.316 9.449 9.581 9.710 9.839 9.966 10.092 10.215 10.337		1482.8 1482.7 1482.7 1482.4 1482.5 1482.4 1482.3 1481.5 1481.5 1481.7	2157.8 2249.6 2342.7 2437.1 2532.8 2629.8 2728.1 2827.6 2928.3 3030.2	34.5 25.2 21.9 35.4 14.9 9.3 22.8 13.1 7.2
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 590.0	497.0 506.9 516.8 526.7 536.7 546.6 556.4 576.3 586.2	5.897 5.831 5.784 5.566 5.469 5.464 5.387 5.288 5.259	5.854 5.787 5.740 5.522 5.444 5.419 5.340 5.197 5.240 5.211	34.165 34.173 34.157 34.164 34.179 34.193 34.191 34.208 34.223	26.911 26.932 26.946 26.961 26.976 26.996 27.011 27.020 27.035	29.202 29.257 29.316 29.378 29.440 29.567 29.567 29.630 29.684 29.745	26.906 26.914 26.927 26.941 26.955 26.970 26.991 27.006 27.014 27.029	120.0 119.3 118.2 116.7 115.4 114.1 112.1 110.7 110.0 108.7	10.458 10.577 10.696 10.814 10.930 11.045 11.158 11.269 11.380 11.489	.00000000000000000000000000000000000000	1481.7 1481.6 1481.6 1480.9 1480.7 1480.8 1480.7 1480.2 1480.6 1480.7	3133.4 3237.7 3343.2 3449.8 3557.6 3666.6 3776.7 3887.8 4000.1 4113.5	19.3 12.2 9.0 6.6 18.3 10.1 23.0 10.7 4.3 13.9
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 616.0 625.9 635.8 645.7 655.6 665.5 675.4 685.3	5.385 5.302 5.223 5.301 5.318 5.369 5.331 5.287 5.217 5.178	5.335 5.252 5.172 5.249 5.265 5.314 5.276 5.231 5.161 5.122	34.254 34.262 34.264 34.301 34.329 34.338 34.346 34.349 34.356	27.045 27.061 27.072 27.084 27.092 27.106 27.118 27.130 27.141 27.151	29.799 29.861 29.919 29.976 30.029 30.088 30.146 30.204 30.261 30.317	27.039 27.055 27.066 27.078 27.086 27.100 27.112 27.124 27.134 27.144	108.1 106.6 105.6 104.6 104.0 102.9 101.9 100.8 99.8 98.9	11.598 11.705 11.811 11.916 12.021 12.124 12.227 12.328 12.428 12.528	0000000000	1481.4 1481.2 1481.1 1481.6 1481.8 1482.2 1482.3 1482.3 1482.1 1482.2	4227.9 4343.4 4459.9 4577.5 4696.1 4815.8 4936.4 5058.1 5180.7 5304.4	7.8 12.5 20.7 12.5 6.1 6.4 26.0 16.7 5.8 6.7
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.2 715.0 725.0 734.9 734.8 754.7 764.6 774.5	5.122 5.043 4.982 4.873 4.819 4.823 4.798 4.757 4.677	5.065 4.985 4.924 4.815 4.760 4.763 4.737 4.696 4.615 4.560	34.359 34.360 34.367 34.361 34.373 34.379 34.380 34.381 34.385	27.160 27.169 27.182 27.189 27.196 27.205 27.213 27.218 27.228 27.228	30.373 30.429 30.489 30.543 30.597 30.651 30.705 30.757 30.814 30.870	27.153 27.163 27.175 27.182 27.190 27.198 27.206 27.211 27.221 27.231	98.1 97.2 96.0 95.3 94.6 93.3 92.8 91.8 90.9	12.626 12.724 12.820 12.916 13.011 13.105 13.199 13.292 13.384 13.475	0000000000	1482.1 1481.9 1481.9 1481.6 1481.5 1481.7 1481.8 1481.8 1481.6 1481.5	5429.0 5554.5 5681.1 5808.5 5936.9 6066.3 6196.5 6327.7 64329.8 6592.7	8.1 20.4 10.5 2.3 4.9 18.1 1.7 5.8 7 5.5
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.3 804.2 814.1 824.0 833.9 843.8 853.7 863.6 873.5 883.4	4.601 4.578 4.536 4.499 4.464 4.427 4.393 4.295 4.287 4.281	4.538 4.514 4.471 4.434 4.399 4.361 4.326 4.228 4.220 4.212	34.389 34.401 34.407 34.411 34.414 34.417 34.413 34.422 34.426	27.243 27.249 27.260 27.268 27.275 27.282 27.288 27.295 27.303 27.307	30.922 30.973 31.031 31.086 31.139 31.192 31.245 31.300 31.353 31.403	27.236 27.242 27.253 27.261 27.268 27.275 27.281 27.288 27.296 27.300	90.5 90.0 89.0 88.2 87.6 87.6 85.7 85.0 84.8	13.566 13.656 13.745 13.834 13.922 14.009 14.096 14.182 14.268 14.352	0000000000	1481.6 1481.7 1481.7 1481.8 1481.8 1481.8 1481.5 1481.5 1481.7	6726.6 6861.4 6997.0 7133.6 7271.0 7409.2 7548.3 7688.3 7829.0 7970.7	4.0 9.9 9.0 8.4 2.3 6.1 9.6 10.2 10.2
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.3 903.2 913.1 923.0 932.8 942.7 952.6 962.5 972.4 982.3	4.220 4.183 4.160 4.143 4.129 4.121 4.076 4.044 4.032 4.010	4.151 4.113 4.089 4.072 4.058 4.049 4.003 3.970 3.958 3.935	34.431 34.435 34.442 34.450 34.455 34.458 34.460 34.462 34.462	27.318 27.325 27.331 27.334 27.342 27.347 27.355 27.360 27.363 27.367	31.460 31.514 31.566 31.615 31.669 31.720 31.774 31.825 31.874 31.924	27.311 27.317 27.324 27.327 27.335 27.340 27.347 27.352 27.355 27.359	83.7 83.1 82.6 82.3 81.6 81.2 80.5 80.1 79.8	14.436 14.520 14.603 14.685 14.767 14.849 14.929 15.010 15.090	0000000000	1481.7 1481.8 1481.8 1481.9 1482.1 1482.2 1482.2 1482.2 1482.3 1482.4	8113.1 8256.4 8400.5 8545.4 8691.1 8837.6 8984.9 9133.0 9281.9 9431.5	4.3 5.8 6.1 4.9 2.3 10.2 3.8 2.9 1.7 7.6

	57	Latitude	31° 59.	94'N	Longitu	de 126°	58.94'W	02	May 1991	GMT 18	3:21	Bottom	3750 m
Pres. db	Depth m	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z			Dyn.Ht	LTR	sv	TF m ³ /s ²	N ²
1000.0 1020.0 1040.0 1060.0 1100.0 1120.0 1140.0 1160.0 1180.0	992.2 1012.0 1031.8 1051.5 1071.3 1091.1 1110.9 1130.6 1150.4 1170.2	3.971 3.908 3.830 3.776 3.661 3.662 3.575 3.504 3.463	°C 3.896 3.832 3.752 3.751 3.695 3.580 3.491 3.419 3.377	0/00 34.466 34.474 34.472 34.481 34.482 34.491 34.498 34.501 34.506	kg/m ³ 27.372 27.385 27.392 27.398 27.405 27.418 27.428 27.428 27.447 27.455	kg/m ³ 31.976 32.082 32.181 32.279 32.379 32.486 32.587 32.690 32.792 32.893	kg/m ³ 27.364 27.377 27.384 27.390 27.410 27.420 27.430 27.439 27.447	10 ⁸ m ³ /kg 79.0 77.8 77.2 76.7 76.1 74.8 74.0 73.0 72.2 71.5	J/kg 15.249 15.406 15.561 15.715 15.868 16.018 16.167 16.314 16.459 16.603	0 00000000000	m/s 1482.4 1482.5 1482.5 1482.8 1482.9 1482.8 1482.9 1483.1 1483.3	m ³ /s ² 9582.0 9885.2 10191.4 105900.7 10812.9 11128.2 11446.3 11767.4 12091.3 12418.0	10 ⁶ /s ² 5.5 4.1 6.7 4.4 4.1 1.7 4.1 7.0 6.5
1200.0 1220.0 1240.0 1260.0 1280.0 1300.0 1320.0 1340.0 1360.0	1189.9 1209.7 1229.4 1249.2 1268.9 1288.7 1308.5 1328.2 1347.9 1367.7	3.419 3.377 3.343 3.311 3.288 3.237 3.212 3.177 3.127 3.060	3.331 3.289 3.253 3.220 3.196 3.143 3.117 3.080 3.030 2.961	34.510 34.516 34.519 34.525 34.525 34.527 34.530 34.534 34.539	27.463 27.472 27.477 27.488 27.488 27.493 27.503 27.510 27.521	32.993 33.094 33.191 33.287 33.386 33.483 33.578 33.677 33.777 33.880	27.455 27.463 27.469 27.473 27.479 27.484 27.488 27.494 27.501 27.512	70.8 70.0 69.6 69.2 68.7 68.2 67.4 66.7 65.6	16.745 16.885 17.025 17.164 17.302 17.438 17.575 17.710 17.844 17.976	00000000000	1483.4 1483.6 1483.8 1484.0 1484.2 1484.3 1484.6 1484.7 1484.9	12747.5 13079.8 13414.8 13752.5 14093.0 14436.1 14781.8 15130.3 15481.3 15834.9	5.6 7.9 2.7 1.8 4.2 3.3 18.7
1400.0 1420.0 1440.0 1460.0 1500.0 1520.0 1540.0 1560.0	1387.4 1407.2 1426.9 1446.7 1466.4 1486.1 1505.8 1525.6 1545.3 1565.0	3.027 2.992 2.948 2.920 2.876 2.854 2.826 2.792 2.764 2.734	2.927 2.891 2.846 2.817 2.771 2.747 2.749 2.684 2.654 2.622	34.542 34.549 34.552 34.555 34.555 34.559 34.562 34.564 34.567	27.526 27.532 27.539 27.544 27.551 27.555 27.555 27.564 27.568 27.573	33.978 34.076 34.175 34.272 34.371 34.467 34.562 34.659 34.755 34.852	27.517 27.523 27.530 27.535 27.541 27.549 27.554 27.559 27.564	65.2 64.6 63.9 63.5 62.9 62.5 61.3 60.9	18.107 18.237 18.365 18.493 18.619 18.744 18.869 18.993 19.116 19.238	0000000000	1485.3 1485.5 1485.7 1485.8 1486.1 1486.3 1486.7 1486.9	16191.1 16549.8 16911.1 17274.8 17641.0 18009.7 18380.7 18754.2 19130.1 19508.4	4.2 4.8 3.1 2.9 3.7 4.6 2.5 4.0
1600.0 1620.0 1640.0 1660.0 1700.0 1720.0 1740.0 1760.0	1584.8 1604.5 1624.2 1643.9 1663.6 1683.3 1703.1 1722.8 1742.5 1762.2	2.687 2.661 2.626 2.604 2.562 2.548 2.511 2.470 2.442 2.408	2.575 2.547 2.510 2.488 2.444 2.429 2.391 2.349 2.319 2.284	34.570 34.572 34.575 34.576 34.579 34.581 34.583 34.586 34.590 34.592	27.580 27.584 27.589 27.592 27.598 27.601 27.605 27.612 27.617	34.951 35.047 35.144 35.239 35.337 35.430 35.528 35.626 35.723 35.820	27.570 27.574 27.579 27.582 27.588 27.590 27.595 27.602 27.607 27.612	60.2 59.4 59.1 58.5 58.3 57.8 57.2 56.2	19.359 19.479 19.598 19.717 19.835 19.951 20.067 20.183 20.296 20.409	0000000000	1487.0 1487.2 1487.4 1487.7 1487.8 1488.1 1488.3 1488.4 1488.7 1488.8	19889.0 20272.0 20657.3 21044.9 21434.8 21826.9 22221.4 22618.0 23016.9 23418.0	.8 5.2 7.3 2.6 9 6.8 6.5
1800.0 1820.0 1840.0 1860.0 1880.0 1900.0 1920.0 1940.0 1960.0	1781.9 1801.6 1821.3 1841.0 1860.7 1880.4 1900.1 1919.8 1939.4 1959.1	2.372 2.349 2.312 2.295 2.280 2.233 2.220 2.190 2.167 2.138	2.247 2.222 2.184 2.166 2.149 2.101 2.087 2.056 2.031 2.001	34.595 34.597 34.600 34.602 34.603 34.607 34.608 34.612 34.615 34.617	27.627 27.631 27.637 27.639 27.642 27.649 27.651 27.656 27.661	35.917 36.012 36.110 36.203 36.297 36.397 36.397 36.587 36.682 36.778	27.617 27.620 27.626 27.628 27.631 27.638 27.640 27.646 27.650 27.650	55.6 55.8 54.5 54.5 53.6 53.6 53.6 552.5 52.5	20.521 20.632 20.743 20.852 20.961 21.069 21.175 21.282 21.387 21.492	.0000000000	1489.0 1489.3 1489.4 1489.7 1490.0 1490.1 1490.4 1490.6 1490.8 1491.1	23821.2 24226.7 24634.2 25043.9 25455.7 25869.5 26285.5 26703.5 27123.5 27545.6	-1.1 1.8 1.6 2.8 2.8 2
2000.0 2050.0 2098.0	1978.8 2028.0 2075.3	2.131 2.082 2.037	1.992 1.940 1.891	34.617 34.622 34.627	27.666 27.674 27.681	36.869 37.105 37.331	27.655 27.662 27.670	52.0 51.3 50.6	21.596 21.854 22.098	.0	1491.4 1492.0 1492.6	27969.7 29038.7 30076.5	1.1 .0

Station		Latitude		00'N	_	ude 127°	03.11'W	02	May 1991	GMT 20	0:35	Bottom	4280 m
Pres.	Depth m	Temp. *C	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg		LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	14.925 14.920 14.920 14.909 14.907 14.903 14.879 14.365 14.297	14.925 14.920 14.917 14.905 14.901 14.896 14.870 14.355 14.286 14.143	33.174 33.173 33.173 33.173 33.174 33.174 33.172 33.146 33.148 33.143	24.582 24.581 24.585 24.586 24.586 24.587 24.681 24.697 24.724	24.581 24.625 24.671 24.718 24.762 24.808 24.856 24.991 25.051 25.122	24.581 24.581 24.584 24.584 24.586 24.590 24.695 24.721	334.6 334.9 335.1 335.2 335.4 335.5 335.5 327.1 325.9 323.6	.000 .335 .670 1.005 1.340 1.676 2.011 2.341 2.668 2.993	00000000000	1504.9 1505.1 1505.3 1505.5 1505.7 1505.7 1504.2 1504.2 1503.9	.0 1.7 6.7 15.0 26.7 41.7 60.1 81.8 106.7 134.9	.0 3.0 -2.5 3.6 2.2 7 73.6 17.9 11.8 28.1
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.2	14.001 13.913 13.515 12.161 11.345 10.769 10.197 9.764 9.459 9.306	13.986 13.897 13.498 12.144 11.328 10.751 10.178 9.745 9.439 9.285	33.123 33.135 33.171 33.074 33.076 33.134 33.159 33.248 33.350 33.431	24.740 24.768 24.877 25.067 25.219 25.367 25.485 25.626 25.757 25.845	25.183 25.255 25.410 25.647 25.847 26.206 26.394 26.570 26.704	24.737 24.764 24.874 25.064 25.216 25.364 25.482 25.623 25.753 25.841	322.3 320.0 309.8 291.6 277.2 263.2 252.0 238.7 226.4 218.2	3.316 3.638 3.953 4.256 4.256 4.539 4.807 5.065 5.310 5.543	00000000000	1503.5 1503.4 1502.3 1497.7 1495.0 1493.2 1491.3 1490.0 1489.2 1488.9	166.3 201.0 238.8 279.6 323.4 369.9 419.0 470.7 524.6 580.9	12.3 83.7 69.0 219.6 147.1 41.0 98.9 88.0 104.3 82.9
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.8 268.7 278.6 288.5	9.190 9.112 8.974 8.802 8.683 8.564 8.411 8.282 8.029	9.169 9.090 8.950 8.778 8.658 8.538 8.254 8.254	33.533 33.652 33.791 33.878 33.911 33.934 33.962 33.980 34.005 34.012	25.943 26.049 26.180 26.274 26.320 26.356 26.402 26.435 26.492 26.516	26.848 26.999 27.175 27.316 27.407 27.489 27.581 27.660 27.764 27.835	25.940 26.045 26.176 26.271 26.316 26.352 26.397 26.431 26.488 26.512	209.1 199.2 187.0 178.1 174.0 170.6 166.4 158.0 155.8	5.978 6.181 6.372 6.555 6.555 6.904 7.073 7.237 7.237 7.398 7.555	00000000000	1488.8 1488.6 1488.3 1488.0 1487.8 1487.4 1487.1 1486.3 1486.0	639.3 699.7 762.1 826.3 892.4 960.1 1029.5 1100.6 1173.3 1247.6	85.0 103.1 72.1 96.9 10.8 23.7 82.2 25.4 34.7 15.4
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.4 328.3 338.2 348.1 358.1 368.0 377.9 387.8	7.754 7.668 7.528 7.405 7.123 7.004 6.825 6.686 6.578 6.499	7.724 7.637 7.497 7.374 7.091 6.972 6.792 6.653 6.544 6.464	34.031 34.048 34.056 34.058 34.044 34.042 34.045 34.038 34.053	26.554 26.579 26.606 26.625 26.654 26.695 26.708 26.734 26.755	27.918 27.990 28.063 28.128 28.205 28.265 28.339 28.399 28.472 28.538	26.549 26.575 26.601 26.620 26.649 26.664 26.704 26.709 26.750	152.4 150.1 147.6 145.9 143.1 141.8 139.3 138.1 135.7	7.710 7.861 8.010 8.156 8.301 8.443 8.584 8.722 8.859 8.994		1485.6 1485.4 1485.1 1484.8 1483.8 1483.5 1483.0 1482.6 1482.3 1482.2	1323.4 1400.7 1479.5 1559.8 1641.5 1724.6 1809.1 1895.0 1982.3 2070.9	41.1 40.8 23.0 31.1 29.6 8.2 27.2 21.4 24.0 23.1
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.8 407.7 417.6 427.5 437.5 447.4 457.3 467.2 477.1	6.309 6.375 6.141 6.099 6.090 6.028 5.987 5.838 5.779	6.274 6.338 6.105 6.062 6.052 5.989 5.947 5.797 5.739	34.068 34.106 34.106 34.116 34.135 34.161 34.166 34.175 34.189	26.782 26.803 26.828 26.838 26.847 26.891 26.919 26.919 26.949	28.613 28.679 28.746 28.808 28.863 28.932 29.004 29.135 29.196	26.777 26.798 26.817 26.833 26.843 26.865 26.892 26.914 26.928 26.944	131.3 129.5 127.6 126.1 125.4 123.3 121.0 118.8 117.5 116.2	9.126 9.257 9.385 9.512 9.637 9.762 9.884 10.004 10.122 10.239	0000000000	1481.6 1482.1 1481.3 1481.4 1481.4 1481.4 1481.0 1481.0	2160.8 2252.0 2344.5 2438.3 2629.5 2727.0 2825.7 2925.5 3026.5	13.7 16.1 19.5 12.2 5.8 27.4 16.0 35.0 19.8
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	497.0 506.9 516.8 526.7 536.7 546.6 556.5 566.4 576.3	5.801 5.870 5.874 5.787 5.747 5.752 5.702 5.541 5.475 5.515	5.759 5.826 5.769 5.742 5.701 5.655 5.655 5.493 5.426	34.215 34.242 34.247 34.252 34.262 34.275 34.283 34.275 34.278 34.278	26.963 26.976 26.987 26.994 27.007 27.017 27.029 27.042 27.053 27.060	29.255 29.312 29.369 29.423 29.482 29.537 29.5596 29.657 29.714 29.766	26.958 26.970 26.981 26.989 27.001 27.011 27.023 27.037 27.047 27.054	115.1 114.1 113.1 112.5 111.4 110.6 109.5 108.2 107.2 106.7	10.355 10.469 10.583 10.696 10.808 10.918 11.028 11.137 11.245 11.352	0000000000	1481.4 1481.9 1481.8 1481.9 1482.1 1482.1 1482.1 1482.6 1481.6 1481.5	3128.6 3231.9 3336.2 3441.8 3548.4 3656.1 3764.9 3874.8 3985.7 4097.7	15.7 5.2 4.0 10.2 17.8 11.4 9.6 5.2 9.6 5.5
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 616.0 625.9 635.8 645.7 655.6 665.5 675.4 685.3	5.423 5.293 5.217 5.233 5.165 5.105 5.042 4.963 4.886 4.853	5.373 5.242 5.167 5.182 5.113 5.052 4.988 4.909 4.832 4.798	34.287 34.286 34.304 34.306 34.311 34.314 34.319 34.327	27.066 27.077 27.090 27.103 27.111 27.119 27.130 27.142 27.154 27.165	29.819 29.878 29.938 29.995 30.050 30.105 30.163 30.222 30.281 30.337	27.060 27.072 27.084 27.097 27.104 27.113 27.124 27.136 27.148 27.159	106.1 105.0 103.8 102.8 102.1 101.3 100.3 99.1 98.0 97.0	11.458 11.564 11.668 11.771 11.874 11.976 12.076 12.176 12.275 12.372	0000000000	1481.6 1481.2 1481.1 1481.3 1481.2 1481.1 1481.0 1480.9 1480.7 1480.8	4210.8 4324.9 4440.0 4556.2 4673.3 4791.5 4910.7 5030.9 5152.0 5274.1	9.9 11.0 18.3 4.6 2.2 2.5 6.9 12.8 20.1 15.7
700.0 710.0 720.0 730.0 750.0 750.0 760.0 770.0 780.0	695.2 705.1 715.0 725.0 734.8 754.7 764.6 774.5 784.4	4.795 4.755 4.729 4.643 4.722 4.681 4.516 4.495 4.472	4.740 4.699 4.672 4.586 4.664 4.622 4.533 4.456 4.435	34.344 34.345 34.345 34.362 34.368 34.366 34.360 34.368 34.368	27.177 27.189 27.194 27.203 27.208 27.217 27.225 27.229 27.238 27.245	30.396 30.454 30.506 30.562 30.611 30.666 30.721 30.773 30.827 30.881	27.171 27.183 27.188 27.197 27.201 27.210 27.218 27.222 27.231 27.238	95.9 94.8 94.4 93.6 93.4 92.5 91.8 91.3 90.6 89.9	12.469 12.564 12.659 12.753 12.847 12.939 13.032 13.123 13.214 13.304	0000000000	1480.7 1480.8 1480.6 1481.1 1481.1 1480.9 1480.8 1480.8	5397.1 5521.1 5646.1 5771.9 5898.7 6026.4 6155.0 6284.5 6414.9 6546.2	11.9 6.9 8.4 8.1 8.4 9.0 4.0 6.3 9.5
800.0 810.0 820.0 830.0 850.0 860.0 870.0 880.0	794.3 804.2 814.1 824.0 833.9 843.8 853.7 863.6 873.5	4.454 4.410 4.385 4.369 4.361 4.216 4.223 4.249 4.212 4.155	4.392 4.347 4.321 4.305 4.296 4.251 4.217 4.183 4.145 4.088	34.377 34.387 34.393 34.399 34.404 34.409 34.419 34.419	27.249 27.262 27.269 27.274 27.277 27.286 27.293 27.303 27.309 27.319	30.931 30.990 31.043 31.094 31.143 31.198 31.252 31.308 31.361 31.418	27.242 27.255 27.262 27.267 27.270 27.279 27.286 27.296 27.302 27.312	89.6 88.4 87.8 87.5 87.3 86.4 85.8 84.9 84.3	13.394 13.483 13.571 13.659 13.747 13.833 13.919 14.005 14.089	0000000000	1481.0 1481.1 1481.2 1481.3 1481.3 1481.3 1481.4 1481.4	6678.4 6811.5 6945.4 7080.2 7215.8 7352.4 7489.7 7627.9 7766.9	6.6 5.4 3.4 7.8 11.9 12.2 7.5 8.4 2.8 16.3
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 990.0	893.3 903.2 913.0 932.8 942.7 952.6 962.5 972.4 982.3	4.136 4.089 4.066 4.032 4.005 3.982 3.962 3.941 3.909 3.885	4.068 4.021 3.962 3.934 3.911 3.890 3.836 3.811	34.430 34.439 34.444 34.446 34.450 34.453 34.459 34.459 34.461 34.465	27.326 27.335 27.341 27.348 27.352 27.358 27.362 27.369 27.369 27.374 27.380	31.470 31.526 31.578 31.632 31.682 31.734 31.785 31.837 31.888 31.940	27.319 27.327 27.333 27.341 27.345 27.351 27.355 27.367 27.367 27.372	82.8 82.0 81.4 80.8 80.4 79.9 78.5 78.9	14.256 14.339 14.420 14.501 14.582 14.662 14.742 14.821 14.900 14.978	00000000000	1481.4 1481.4 1481.5 1481.5 1481.6 1481.7 1481.8 1481.8	8047.5 8188.9 8331.2 8474.3 8618.2 8762.9 8908.3 9054.5 9201.5 9349.3	5.8 9.6 6.9 10.2 5.2 2.6 .8 3.2 6.4 3.7

Station	58	Latitude	31° 53.	00'N	Longitu	ide 127°	03.11'W	02	May 1991	GMT 20	: 35	Bottom	4280 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t		Dyn. Ht	LTR	sv	m3/s2	N ²
db	m	•c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	J/kg	0/0	m/s	m ³ /s ²	$10^{6}/s^{2}$
1000.0 1020.0	992.2 1012.0	3.867	3.792	34.467	27.383	31.990	27.376	77.7	15.056	.0	1482.0	9497.8	7.0
1040.0	1031.8	3.819 3.782	3.743 3.705	34.471 34.476	27.392 27.399	32.091 32.191	27.384 27.392	77.0 76.4	15.210 15.364	٠,	1482.1 1482.3	9797.2 10099.5	7.6 4.6
1060.0	1051.5	3.716	3.638	34.485	27.413	32.297	27.405	75.1	15.515	.0	1482.3	10404.9	4.4
1080.0	1071.3	3.674	3.595	34.491	27.423	32.398	27.415	74.3	15.664	.0	1482.5	10713.2	4.4
1100.0 1120.0	1091.1 1110.8	3.636 3.603	3.555 3.521	34.497 34.500	27.431	32.499	27.423	73.6	15.812	٠,	1482.7	11024.4	4.1
1140.0	1130.6	3.561	3.477	34.506	27.437 27.446	32.597 32.698	27.429 27.437	73.1 72.3	15.959 16.104	.0	1482.9 1483.0	11338.4 11655.3	2.0 4.1
1160.0	1150.4	3.515	3.430	34.509	27.453	32.797	27.444	71.7	16.248	.ŏ	1483.2	11975.1	1.5
1180.0	1170.2	3.463	3.377	34.513	27.461	32.898	27.453	70.9	16.391	.0	1483.3	12297.6	5.0
1200.0	1189.9	3.435	3.348	34.514	27.465	32.994	27.457	70.6	16.533	.0	1483.5	12623.0	3.5
1220.0 1240.0	1209.7 1229.4	3.397 3.348	3.308 3.258	34.519 34.522	27.472	33.093	27.463	70.0	16.673	.0	1483.7	12951.1	5.3
1260.0	1249.2	3.299	3.207	34.525	27.480 27.487	33.194 33.293	27.471 27.478	69.3 68.7	16.813 16.951	.0	1483.8 1483.9	13281.9 13615.4	5.3 3.3
1280.0	1268.9	3.278	3.185	34.527	27.491	33.388	27.482	68.4	17.088	:ŏ	1484.2	13951.6	3.9
1300.0	1288.7	3.232	3.138	34.531	27.498	33.488	27.489	67.7	17.224	.0	1484.3	14290.5	.7
1320.0 1340.0	1308.4 1328.2	3.185 3.128	3.090 3.032	34.534 34.538	27.505 27.514	33.588	27.496	67.1	17.359	٠.٥	1484.5	14632.0	7.7
1360.0	1347.9	3.094	2.997	34.540	27.518	33.689 33.786	27.505 27.509	66.2 65.8	17.492 17.624	.0	1484.5 1484.7	14976.2 15322.9	8.9 6.3
1380.0	1367.7	3.048	2.949	34.543	27.525	33.885	27.516	65.2	17.755	ŏ	1484.9	15672.2	7.1
1400.0	1387.4	2.999	2.899	34.546	27.532	33,985	27.523	64.5	17.884	.0	1485.0	16024.0	1.6
1420.0 1440.0	1407.2 1426.9	2.956 2.906	2.855 2.804	34.550 34.553	27.539 27.546	34.084 34.183	27.530	63.8	18.013	٠.٥	1485.2	16378.3	6.6
1460.0	1446.7	2.859	2.756	34.556	27.552	34.283	27.537 27.543	63.2 62.5	18.140 18.265	.0	1485.3 1485.4	16735.1 17094.4	1.9 2.8
1480.0	1466.4	2.808	2,704	34.560	27.560	34.383	27.551	61.7	18.390	.0	1485.5	17456.0	2.5
1500.0	1486.1	2.776	2.670	34.562	27.565	34.480	27.556	61.3	18.513	.0	1485.7	17820.1	4.0
1520.0 1540.0	1505.8 1525.6	2.749 2.722	2.642 2.614	34.565 34.567	27.570	34.576	27.560	60.9	18.635	.0	1485.9	18186.6	1.3
1560.0	1545.3	2.676	2.567	34.571	27.574 27.581	34.672 34.772	27.565 27.572	60.5 59.8	18.756 18.877	.0	1486.2 1486.3	18555.5 18926.7	4.6 4.9
1580.0	1565.0	2.652	2.542	34.573	27.585	34.867	27.575	59.5	18.996	ŏ	1486.5	19300.2	9.9
1600.0	1584.8	2.625	2.513	34.574	27.588	34.962	27.579	59.2	19.115	.0	1486.8	19676.0	3.7
1620.0	1604.5	2.607	2.494	34.576	27.592	35.057	27.582	58.9	19.233	.0	1487.0	20054.2	.8
1640.0 1660.0	1624.2 1643.9	2.573 2.549	2.458 2.433	34.579 34.582	27.597	35.154	27.587	58.4	19.350	.0	1487.2	20434.6	3
1680.0	1663.6	2.525	2.407	34.583	27.601 27.604	35.250 35.345	27.591 27.594	58.1 57.8	19.466 19.582	.0	1487.4 1487.7	20817.3 21202.2	4.7 2.0
1700.0	1683.3	2.491	2.373	34.586	27.610	35.442	27.600	57.3	19.698	.ŏ	1487.9	21589.4	2.0
1720.0	1703.1	2.467	2.347	34.587	27.613	35.537	27.603	57.0	19.812	.0	1488.1	21978.8	1.8
1740.0 1760.0	1722.8 1742.5	2.447 2.421	2.326 2.298	34.589 34.591	27.616 27.620	35.631	27.606	56.7	19.925	٠.0	1488.3	22370.4	1.2
1780.0	1762.2	2.402	2.278	34.593	27.624	35.727 35.822	27.610 27.613	56.3 56.0	20.038 20.151	.0	1488.6 1488.8	22764.2 23160.2	2.1
1800.0	1781.9	2.378	2.253	34.595	27.627	35.916	27.617	55.7	20.262	.0	1489.1	23558.3	
1820.0	1801.6	2.339	2,213	34.598	27.633	36.015	27.622	55.1	20.373	.ŏ	1489.2	23958.7	2.4 4.2
1840.0 1860.0	1821.3 1841.0	2.313 2.286	2.185	34.601	27.637	36.110	27.626	54.7	20.483	.0	1489.4	24361.1	2.4
1880.0	1860.7	2.259	2.157 2.129	34.603 34.605	27.641 27.645	36.206 36.301	27.631 27.634	54.3 54.0	20.592	٠.٥	1489.7	24765.7	5.7
1900.0	1880.4	2.236	2.104	34.607	27.649	36.397	27.638	53.6	20.701 20.808	.0	1489.9 1490.1	25172.3 25581.1	.4 3.9
1920.0	1900.1	2.207	2.074	34.610	27.653	36.493	27.642	53.1	20.915	.0	1490.3	25991.9	1.9
1940.0 1960.0	1919.8 1939.4	2.187 2.170	2.052 2.034	34.612 34.613	27.657 27.659	36.587	27.646	52.8	21.021	•0	1490.6	26404.8	2.8
1980.0	1959.1	2.157	2.020	34.616	27.662	36.681 36.774	27.648 27.651	52.6 52.4	21.126 21.231	.0	1490.8 1491.1	26819.7 27236.6	2.5 7
2000.0	1978.8	2.134	1.996	34.618	27.666	36.869	27.654	52.0	21.336	.0	1491.4	27655.6	3.4
2050.0	2028.0	2.085	1.943	34.622	27.673	37.104	27.662	51.4	21.594	.ö	1492.0	28711.8	.2
2100.0 2100.0	2077.2 2077.2	2.048 2.048	1.902	34.625	27.679	37.338	27.668	50.8	21.850	.0	1492.7	29780.4	.0
_100.0	2011.2	4.010	1.902	34.625	27.679	37.338	27.668	50.8	21.850	.0	1492.7	29780.4	.0

Station	59	Latitude	31. 40	.03'N	Longit	ude 127°	10.19'W	02	May 1991	GMT 23	3:25	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sa l 0/00	Sigma-6 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /k	Dyn.Ht g J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.9 49.8 59.8 69.7 79.7	15.077 15.063 15.009 14.982 14.848 14.498 14.413 14.355 14.267 14.278	15.077 15.062 15.006 14.977 14.842 14.491 14.404 14.345 14.256	33.151 33.158 33.159 33.159 33.157 33.157 33.164 33.206	24.531 24.539 24.552 24.558 24.661 24.674 24.674 24.747	24.531 24.583 24.640 24.691 24.764 24.882 24.940 24.996 25.070	24.531 24.539 24.551 24.557 24.586 24.659 24.672 24.684 24.714 24.714	339.4 338.9 338.1 337.7 335.2 328.5 327.5 326.7 324.1 321.5	.000 .339 .677 1.015 1.353 1.685 2.013 2.340 2.665	0000000000	1505.4 1505.5 1505.5 1505.3 1504.3 1504.2 1504.2 1504.1	.0 1.7 6.8 15.2 27.0 42.1 60.5 82.2 107.1 135.3	11.8 5.4 5.4 108.1 73.5 11.8 12.1 24.6 46.6
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2	13.777 12.719 12.699 12.919 11.957 11.080 10.472 9.976 9.587 9.332	13.763 12.704 12.683 12.902 11.939 11.062 10.453 9.957 9.567 9.311	33.183 33.092 33.280 33.558 33.496 33.461 33.444 33.489	24.833 24.974 25.123 25.296 25.433 25.658 25.658 25.845 25.960	25.277 25.464 25.658 25.874 26.059 26.240 26.378 26.511 26.658 26.819	24.830 24.971 25.120 25.292 25.430 25.563 25.655 25.742 25.842 25.957	313.5 300.1 286.2 270.1 257.0 244.4 235.7 227.5 218.1 207.3	3.307 3.612 3.905 4.182 4.445 4.697 4.936 5.168 5.391 5.603	00000000000	1502.8 1499.3 1499.7 1500.9 1497.7 1494.7 1492.7 1491.1 1489.9 1489.2	166.7 201.1 238.5 278.8 321.7 367.2 415.2 465.4 517.9 572.6	198.8 128.3 198.6 39.4 24.9 166.7 41.9 114.4 157.9 96.7
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.132 8.949 8.837 8.830 8.709 8.582 8.469 8.360 8.203	9.110 8.927 8.813 8.806 8.684 8.556 8.442 8.332 8.174 8.065	33.629 33.703 33.773 33.822 33.867 33.908 33.941 33.971 33.989 33.992	26.028 26.115 26.187 26.227 26.281 26.333 26.337 26.416 26.454 26.454	26.933 27.066 27.183 27.268 27.368 27.466 27.555 27.641 27.725 27.790	26.024 26.111 26.183 26.223 26.277 26.329 26.372 26.412 26.450 26.469	201.0 192.9 186.2 182.6 177.6 172.9 168.9 165.2 161.7 160.0	5.806 6.002 6.193 6.377 6.557 6.732 6.903 7.070 7.233 7.394	00000000000	1488.7 1488.3 1488.1 1488.3 1488.1 1487.8 1487.6 1487.4 1486.9 1486.7	629.3 688.0 748.6 811.1 875.4 941.4 1009.1 1078.5 1149.6 1222.2	63.3 52.7 80.2 45.4 66.2 28.1 53.9 55.3 21.6
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.927 7.697 7.570 7.404 7.267 7.068 6.860 6.735 6.660 6.470	7.898 7.667 7.539 7.372 7.235 7.035 6.827 6.701 6.625 6.435	33.998 34.002 34.001 34.004 34.003 34.012 34.016 34.015 34.025	26.502 26.539 26.556 26.583 26.601 26.664 26.684 26.694 26.726	27.866 27.949 28.013 28.086 28.151 28.227 28.308 28.375 28.431 28.510	26.498 26.535 26.552 26.578 26.596 26.625 26.660 26.669 26.689 26.722	157.4 153.9 152.3 149.9 148.2 145.5 142.2 140.4 139.6 136.5	7.552 7.708 7.861 8.013 8.162 8.308 8.452 8.734 8.872	0000000000	1486.2 1485.5 1485.2 1484.7 1484.3 1483.7 1483.7 1482.7 1482.6 1482.0	1296.5 1372.3 1449.6 1528.4 1608.7 1690.5 1773.7 1858.3 1944.3 2031.7	15.4 4.8 2.5 31.1 4.5 32.0 22.3 26.6 17.8 24.5
400.0 410.0 420.0 430.0 440.0 450.0 470.0 480.0 490.0	397.8 407.7 417.6 427.5 437.5 447.4 457.3 467.2 477.1 487.1	6.358 6.244 6.137 6.062 5.827 5.729 5.638 5.562 5.551	6.323 6.208 6.101 6.025 5.875 5.789 5.690 5.599 5.522 5.510	34.026 34.033 34.034 34.035 34.041 34.047 34.057 34.069 34.071	26.742 26.762 26.777 26.787 26.808 26.821 26.838 26.857 26.879	28.573 28.639 28.701 28.757 28.826 28.886 28.949 29.015 29.015 29.129	26.738 26.757 26.772 26.782 26.804 26.817 26.833 26.853 26.853 26.871	135.0 133.2 131.8 130.9 128.9 127.7 126.2 124.4 122.7 122.5	9.008 9.142 9.274 9.406 9.535 9.663 9.790 9.915 10.039 10.161	.0000000000	1481.7 1481.5 1481.2 1481.1 1480.6 1480.5 1480.2 1480.0 1480.0	2120.4 2210.5 2301.8 2394.5 2488.5 2583.8 2680.3 2778.0 2877.0 2977.2	14.3 15.7 5.2 12.8 12.7 22.4 18.0 18.3 1.0
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.7 546.6 556.4 576.3 586.2	5.476 5.438 5.295 5.209 5.276 5.043 4.951 4.926 4.929 4.851	5.435 5.396 5.253 5.167 5.232 5.000 4.907 4.880 4.883 4.805	34.080 34.097 34.106 34.105 34.126 34.133 34.143 34.160 34.161	26.895 26.913 26.937 26.947 26.965 26.983 26.999 27.010 27.022 27.032	29.192 29.256 29.328 29.384 29.513 29.513 29.573 29.634 29.692 29.749	26.890 26.908 26.933 26.942 26.960 26.978 26.994 27.005 27.017	121.0 119.4 117.1 116.2 114.7 112.8 111.3 110.3 109.3 108.3	10.283 10.403 10.521 10.638 10.753 10.867 10.979 11.090 11.200 11.309	.00000000000000000000000000000000000000	1479.9 1479.9 1479.5 1479.3 1479.8 1479.0 1478.8 1478.9 1478.9	3078.6 3181.2 3284.9 3389.9 3495.9 3603.1 3711.4 3820.9 3931.4 4042.9	25.9 13.9 21.2 16.8 25.0 9.1 22.9 5.6 8.0
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0 690.0	596.1 606.0 616.0 625.9 635.8 645.6 665.5 675.4 685.3	4.777 4.870 4.787 4.819 4.737 4.735 4.834 4.716 4.614 4.595	4.730 4.821 4.739 4.769 4.687 4.685 4.782 4.663 4.561 4.541	34.171 34.197 34.196 34.220 34.223 34.236 34.270 34.268 34.269 34.275	27.049 27.059 27.068 27.083 27.095 27.105 27.122 27.133 27.145 27.152	29.812 29.866 29.922 29.983 30.041 30.097 30.158 30.217 30.277	27.043 27.053 27.062 27.078 27.089 27.099 27.116 27.127 27.139 27.146	106.8 106.1 105.3 104.0 102.9 102.0 100.7 99.6 98.4 97.8	11.416 11.523 11.629 11.733 11.837 11.939 12.040 12.141 12.239 12.337	0000000000	1478.8 1479.4 1479.2 1479.5 1479.5 1480.1 1479.6 1479.6	4155.6 4269.3 4384.0 4499.8 4616.6 4734.4 4853.2 4973.0 5093.8 5215.6	8.0 8.3 18.2 20.0 2.1 13.3 6.6 22.7 7.1 9.2
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0	695.2 705.2 715.0 725.0 734.9 734.8 754.7 764.6 774.5	4.578 4.544 4.517 4.436 4.434 4.430 4.409 4.346 4.345 4.344	4.524 4.489 4.462 4.379 4.377 4.351 4.287 4.284	34.287 34.292 34.309 34.308 34.317 34.329 34.338 34.335 34.350 34.360	27.163 27.171 27.188 27.196 27.203 27.213 27.222 27.227 27.240 27.248	30.386 30.441 30.503 30.559 30.612 30.667 30.723 30.774 30.832 30.886	27.157 27.165 27.181 27.190 27.197 27.207 27.216 27.221 27.233 27.241	96.8 96.1 94.7 93.8 93.3 92.4 91.6 91.1 90.1 89.4	12.435 12.531 12.627 12.721 12.814 12.907 12.999 13.090 13.181 13.271	00000000000	1479.8 1479.8 1479.9 1479.7 1479.9 1480.0 1480.1 1480.0 1480.2 1480.4	5338.3 5461.9 5586.5 5712.1 5838.6 5965.9 6094.2 6223.4 6353.5 6484.5	10.6 5.7 5.1 5.4 14.2 8.0 10.4 8.9 13.0
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.3 804.2 814.1 824.0 833.9 843.8 853.7 863.6 873.5 883.4	4.314 4.286 4.210 4.189 4.177 4.181 4.139 4.129 4.107	4.253 4.224 4.148 4.127 4.113 4.116 4.074 4.063 4.041 4.007	34.369 34.374 34.375 34.385 34.491 34.408 34.412 34.421 34.421	27.258 27.265 27.273 27.284 27.292 27.297 27.308 27.312 27.321 27.325	30.942 30.996 31.052 31.108 31.162 31.213 31.270 31.320 31.375 31.425	27.251 27.258 27.267 27.277 27.285 27.291 27.301 27.305 27.315 27.318	88.5 87.9 87.1 86.1 85.5 85.0 84.1 83.8 82.9	13.360 13.448 13.535 13.622 13.708 13.793 13.878 13.962 14.045 14.128	0000000000	1480.4 1480.5 1480.3 1480.4 1480.5 1480.7 1480.7 1480.8 1480.9	6616.3 6749.0 6882.6 7017.0 7152.3 7288.4 7425.4 7563.2 7701.8 7841.2	11.9 11.3 9.2 6.6 2.2 6.6 3.4 11.0 7.2 3.4
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.3 903.2 913.1 923.0 932.8 942.8 952.6 962.5 972.4 982.3	4.031 4.021 4.008 4.003 3.961 3.942 3.911 3.888 3.861 3.845	3.964 3.953 3.939 3.934 3.890 3.871 3.840 3.816 3.788 3.771	34.426 34.433 34.443 34.448 34.448 34.455 34.455 34.458 34.462	27.333 27.341 27.346 27.350 27.358 27.363 27.369 27.374 27.380 27.383	31.480 31.533 31.585 31.685 31.740 31.792 31.895 31.895 31.944	27.326 27.333 27.339 27.343 27.351 27.356 27.362 27.367 27.372 27.375	81.8 81.2 80.8 80.5 79.7 79.3 78.8 78.3 77.9	14.210 14.292 14.373 14.453 14.533 14.613 14.692 14.771 14.849 14.927	00000000000	1481.0 1481.1 1481.2 1481.4 1481.3 1481.4 1481.5 1481.5 1481.5	7981.4 8122.4 8264.2 8406.9 8694.5 8839.4 8985.1 9131.7 9278.9	7.5 5.3 2.6 5.8 1.4 2.6 3.1

Station	59	Latitude	31. 40.	03'N	Longitu	de 127°	10.19'W	02	May 1991	GMT 23	:25	Bottom	4300 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma -0 kg/m ³	Sigma-z	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht	LTR	sv	m ³ /s ²	N ² 10 ⁶ /s ²
1000.0 1020.0 1040.0 1060.0 1100.0 1120.0 1140.0 1160.0	992.2 1012.0 1031.8 1051.5 1071.3 1091.1 1110.9 1130.6 1150.4 1170.2	3.826 3.791 3.732 3.677 3.625 3.590 3.545 3.505 3.463	3.751 3.715 3.655 3.599 3.546 3.509 3.463 3.422 3.378	34.467 34.479 34.484 34.489 34.493 34.498 34.503 34.506	27.388 27.397 27.407 27.416 27.426 27.432 27.441 27.449 27.456	kg/m ³ 31.996 32.097 32.199 32.301 32.403 32.502 32.603 32.703 32.802	27.380 27.390 27.399 27.408 27.418 27.424 27.433 27.440 27.447	77.2 76.4 75.6 74.7 73.8 73.3 72.6 71.9 71.3	15.004 15.157 15.309 15.459 15.608 15.755 15.901 16.045 16.188	0 0000000000	m/s 1481.8 1482.0 1482.1 1482.2 1482.3 1482.5 1482.6 1482.8 1483.0	9426.9 9725.3 10026.5 10330.8 10638.0 10948.1 11261.0 11576.8 11895.3	4.9 3.2 6.1 3.5 10.8 3.2 4.1 2.0 2.6
1200.0 1220.0 1240.0 1260.0 1280.0 1300.0 1320.0 1340.0 1360.0 1380.0	1170.2 1189.9 1209.7 1229.4 1249.2 1269.0 1288.7 1308.5 1328.2 1348.0 1367.7	3.404 3.370 3.330 3.301 3.253 3.211 3.153 3.112 3.083 3.055 3.009	3.318 3.283 3.242 3.211 3.162 3.169 3.060 3.018 2.987 2.987 2.9958	34.511 34.515 34.519 34.524 34.528 34.537 34.538 34.539 34.543 34.543	27.465 27.479 27.485 27.493 27.500 27.510 27.514 27.519 27.524 27.531	32.904 33.003 33.102 33.201 33.301 33.400 33.503 33.600 33.696 33.793 33.892	27.457 27.464 27.470 27.485 27.485 27.502 27.506 27.516 27.516 27.522	70.4 69.2 68.7 67.9 66.0 65.1 64.5	16.330 16.470 16.609 16.747 16.884 17.019 17.153 17.285 17.416 17.547	0 0000000000	1483.0 1483.4 1483.6 1483.7 1483.9 1484.0 1484.1 1484.4 1484.7	12216.7 12540.8 12867.7 13197.2 13529.4 13864.3 14201.8 14541.9 14884.5 15229.7 15577.5	3.2 1.5 5.0 10.9 6.5 6.2 8.6 9 5.6 1.0 2.2
1400.0 1420.0 1440.0 1460.0 1500.0 1520.0 1540.0 1560.0 1580.0	1387.4 1406.9 1446.7 1466.4 1486.1 1505.6 1545.3 1565.1	2.953 2.916 2.888 2.853 2.751 2.726 2.702 2.678 2.652	2.854 2.8786 2.786 2.750 2.691 2.646 2.619 2.5568 2.541	34.551 34.553 34.559 34.563 34.563 34.566 34.566 34.569 34.569	27.540 27.545 27.549 27.556 27.564 27.568 27.573 27.576 27.580 27.584	33.994 34.091 34.187 34.286 34.387 34.484 34.580 34.675 34.771 34.866	27.531 27.536 27.539 27.555 27.555 27.559 27.563 27.567 27.570 27.574	63.6 63.2 62.9 62.2 61.4 60.9 60.5 59.6	17.805 17.932 18.058 18.306 18.429 18.550 18.671 18.791		1484.8 1485.0 1485.4 1485.5 1485.6 1485.6 1486.3 1486.3	15977.8 15927.8 16280.5 16635.7 16993.3 17353.4 17715.9 18080.7 18447.9 18817.4 19189.2	7.1 6.0 6.6 3.7 .5 1.4 22.8
1600.0 1620.0 1640.0 1660.0 1700.0 1720.0 1740.0 1760.0 1780.0	1584.8 1604.5 1624.2 1643.9 1663.6 1683.4 1703.1 1722.8 1742.5 1762.2	2.621 2.589 2.555 2.518 2.473 2.443 2.428 2.394 2.350 2.325	2.509 2.476 2.441 2.402 2.356 2.326 2.308 2.273 2.228 2.202	34.574 34.577 34.580 34.583 34.586 34.589 34.591 34.594 34.598 34.600	27.589 27.594 27.599 27.605 27.611 27.616 27.619 27.624 27.632 27.635	34.963 35.060 35.157 35.255 35.354 35.451 35.545 35.642 35.642 35.837	27.579 27.584 27.589 27.595 27.601 27.606 27.609 27.614 27.621 27.625	59.1 58.2 57.9 56.4 555.7 555.6	19.029 19.147 19.264 19.379 19.494 19.607 19.720 19.832 19.832 20.052	0000000000	1486.9 1487.1 1487.3 1487.4 1487.7 1487.9 1488.1 1488.3	19563.4 19939.8 20318.5 20699.5 21082.7 21468.1 21855.7 22245.5 22637.5 23031.5	1.7 2.9 2.9 5.6 3 2.9 2.1 6.5
1800.0 1820.0 1840.0 1860.0 1900.0 1920.0 1940.0 1960.0 1980.0	1781.9 1801.6 1821.3 1841.0 1860.7 1880.4 1900.1 1919.8 1939.5 1959.2	2.296 2.254 2.230 2.213 2.191 2.167 2.162 2.146 2.121 2.109	2.171 2.129 2.103 2.085 2.061 2.037 2.030 2.012 1.986 1.972	34.602 34.608 34.609 34.611 34.613 34.613 34.614 34.618 34.619	27.639 27.646 27.649 27.652 27.656 27.659 27.669 27.667 27.669	35.933 36.032 36.127 36.220 36.315 36.410 36.501 36.595 36.691 36.783	27.629 27.635 27.639 27.641 27.645 27.648 27.651 27.656 27.658	54.2 53.5 53.0 52.6 52.4 52.4 51.7 51.5	20.161 20.268 20.375 20.482 20.587 20.692 20.797 20.902 21.005 21.109	000000000000000000000000000000000000000	1488.7 1488.9 1489.1 1489.4 1489.6 1489.8 1490.1 1490.6 1490.9	23427.7 23826.0 24226.3 24628.8 25033.2 25439.7 25848.3 26258.8 26671.4 27085.9	7.1 3.0 4.5 .1 .7 .4 4 2.8 -1.0
2000.0 2050.0 2098.0	1978.8 2028.0 2075.3	2.093 2.050 1.999	1.955 1.909 1.854	34.620 34.624 34.629	27.671 27.677 27.686	36.877 37.111 37.338	27.660 27.666 27.675	51.3 50.8 50.0	21.212 21.466 21.708	.0 .0	1491.2 1491.9 1492.4	27502.5 28552.5 29572.0	1.1 2.3 .0

Station	60	Latitude	32' 02.	89'N	Longit	ude 126°	42.52'W	02	May 1991	GMT 3	3:54	Bottom	_
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	-	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	14.956 14.948 14.961 14.897 14.740 14.298 14.161 14.285 14.244	14.956 14.947 14.958 14.893 14.885 14.733 14.289 14.151 14.274	33.160 33.161 33.162 33.162 33.160 33.158 33.158 33.154 33.232 33.257	24.564 24.567 24.565 24.579 24.580 24.613 24.704 24.730 24.765 24.793	24.564 24.611 24.653 24.711 24.756 24.834 24.970 25.040 25.119 25.191	24.564 24.567 24.568 24.578 24.578 24.702 24.702 24.763 24.790	336.3 336.8 335.8 336.0 333.0 324.7 322.4 319.4	.000 .336 .673 1.010 1.345 1.681 2.011 2.334 2.655 2.974		1505.0 1505.1 1505.3 1505.4 1505.1 1503.8 1503.6 1504.2 1504.3	.0 1.7 6.7 15.1 26.8 41.9 60.3 81.9 106.8 134.8	3.0 5.7 15.0 1.3 93.2 132.1 25.2 12.1 29.3
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.1	13.635 12.192 11.241 10.785 10.481 10.201 9.640 9.550 9.472 9.420	13.621 12.178 11.227 10.770 10.464 10.184 9.623 9.531 9.453 9.399	33.190 33.078 33.080 33.119 33.153 33.213 33.346 33.446 33.572 33.701	24.867 25.063 25.241 25.352 25.431 25.526 25.724 25.816 25.928 26.037	25.311 25.555 25.779 25.937 26.062 26.202 26.446 26.741 26.896	24.865 25.061 25.238 25.349 25.429 25.524 25.721 25.813 25.925 26.034	310.1 291.5 274.7 264.2 256.8 247.9 229.2 220.6 210.2 200.0	3.289 3.589 3.869 4.140 4.399 4.654 4.890 5.116 5.329 5.535	0000000000	1502.4 1497.5 1494.3 1492.9 1492.0 1491.3 1489.5 1489.5 1489.5	166.0 200.3 237.4 277.2 319.7 364.8 412.3 462.0 514.0 568.0	167.4 150.8 31.1 87.5 11.7 200.8 86.5 228.5 138.3
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.6 278.6 288.5	9.264 9.212 9.062 8.953 8.857 8.705 8.676 8.551 8.397 8.326	9.242 9.190 9.038 8.929 8.832 8.678 8.649 8.523 8.368 8.297	33.756 33.840 33.919 33.957 33.995 34.020 34.047 34.063 34.079 34.090	26.105 26.180 26.266 26.313 26.358 26.402 26.428 26.459 26.459 26.515	27.010 27.129 27.261 27.354 27.444 27.534 27.605 27.663 27.765 27.830	26.102 26.176 26.262 26.309 26.354 26.398 26.423 26.455 26.455 26.451	193.7 186.8 178.8 174.5 170.4 166.4 164.1 158.0 156.2	5.731 5.920 6.101 6.277 6.450 6.618 6.783 6.945 7.104 7.261	00000000000	1489.3 1489.4 1489.1 1488.8 1488.4 1488.5 1488.2 1487.8 1487.7	624.0 681.9 741.6 803.1 866.4 931.3 997.9 1066.1 1135.8 1207.2	84.4 104.0 60.4 22.0 26.4 23.2 36.3 31.9 19.0 26.9
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	8.208 8.078 8.042 7.849 7.722 7.636 7.440 7.252 7.247 7.091	8.177 8.047 8.009 7.817 7.688 7.602 7.405 7.216 7.211	34.097 34.105 34.114 34.121 34.135 34.135 34.120 34.108 34.132 34.131	26.538 26.564 26.577 26.611 26.653 26.653 26.670 26.686 26.727	27.900 27.972 28.030 28.110 28.170 28.245 28.308 28.372 28.372	26.534 26.559 26.572 26.606 26.620 26.648 26.665 26.6681 26.701 26.722	154.1 151.8 150.7 147.6 146.3 143.8 142.2 140.7 139.0 137.0	7.417 7.569 7.720 7.870 8.016 8.161 8.304 8.445 8.585 8.723	0000000000	1487.4 1487.1 1486.6 1486.2 1486.1 1485.5 1484.9	1280.1 1354.5 1430.4 1507.8 1586.7 1667.0 1748.7 1831.9 1916.4 2002.3	50.6 10.8 24.5 16.9 15.7 28.8 30.3 18.0 3.3
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.7 417.6 427.5 437.4 447.3 467.3 467.2 477.1	6.991 6.855 6.812 6.768 6.736 6.701 6.654 6.595 6.527 6.527	6.953 6.773 6.728 6.696 6.660 6.612 6.553 6.484 6.360	34.133 34.146 34.152 34.161 34.169 34.176 34.186 34.193 34.196	26.742 26.761 26.777 26.788 26.800 26.811 26.822 26.838 26.853 26.871	28.567 28.632 28.694 28.751 28.808 28.865 28.922 28.984 29.045 29.110	26.737 26.756 26.772 26.783 26.794 26.805 26.816 26.832 26.847 26.865	135.6 133.9 132.5 131.6 130.6 129.7 128.7 127.3 126.0 124.3	8.859 8.994 9.127 9.259 9.390 9.521 9.649 9.778 9.905	0000000000	1484.4 1484.0 1484.0 1484.1 1484.1 1484.1 1484.1 1484.0 1483.9	2089.5 2178.1 2268.1 2359.3 2451.8 2545.6 2640.7 2737.1 2834.7 2933.6	16.2 32.6 12.1 8.0 15.3 31.4 11.8 11.8
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	497.0 506.9 516.8 526.7 536.6 546.5 556.5 566.4 576.3	6.304 6.169 6.132 6.103 6.061 5.967 5.905 5.890 5.817 5.730	6.260 6.124 6.086 6.056 6.013 5.919 5.856 5.840 5.767 5.680	34.196 34.194 34.201 34.215 34.220 34.228 34.239 34.239 34.261	26.884 26.900 26.911 26.922 26.931 26.946 26.960 26.971 26.990 27.008	29.170 29.233 29.290 29.347 29.402 29.464 29.524 29.581 29.646 29.711	26.878 26.895 26.905 26.917 26.925 26.940 26.954 26.965 26.983 27.002	123.0 121.5 120.6 119.6 119.0 117.5 116.2 115.3 113.6	10.153 10.275 10.396 10.517 10.636 10.754 10.871 10.987 11.101 11.214	00000000000	1483.4 1483.0 1483.0 1483.1 1483.1 1482.9 1482.8 1482.8 1482.8	3033.7 3135.0 3237.5 3341.2 3446.1 3552.2 3659.4 3767.8 3877.3	27.3 10.0 5.9 16.4 18.2 14.6 15.2 11.7
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0 690.0	596.1 606.0 615.9 625.8 635.8 645.7 655.6 665.5 675.4 685.3	5.666 5.608 5.530 5.434 5.352 5.388 5.341 5.299 5.268 5.103	5.615 5.556 5.478 5.381 5.299 5.334 5.286 5.244 5.211 5.046	34.267 34.288 34.299 34.297 34.305 34.312 34.318 34.320 34.311	27.021 27.045 27.064 27.073 27.078 27.085 27.097 27.106 27.112 27.124	29.770 29.841 29.906 29.962 30.014 30.066 30.124 30.180 30.231 30.292	27.015 27.039 27.057 27.067 27.072 27.079 27.090 27.100 27.105 27.118	110.7 108.5 106.8 105.9 105.4 104.9 103.9 103.1 102.6	11.325 11.435 11.543 11.649 11.755 11.860 11.965 12.068 12.171 12.273	.00000000000000000000000000000000000000	1482.6 1482.5 1482.4 1482.1 1482.0 1482.3 1482.3 1482.3 1482.3	4099.6 4212.4 4326.3 4441.2 4557.2 4674.2 4792.2 4911.3 5031.4 5152.5	1.1 25.7 14.0 7.0 3.5 14.3 9.9 12.8 4.4 9.3
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.5	5.022 4.978 4.933 4.861 4.842 4.842 4.809 4.756 4.703 4.689	4.965 4.921 4.875 4.802 4.783 4.782 4.748 4.695 4.641 4.627	34.317 34.319 34.322 34.330 34.350 34.350 34.355 34.355 34.360 34.371	27.138 27.144 27.152 27.167 27.176 27.185 27.191 27.199 27.209 27.219	30.353 30.406 30.460 30.522 30.577 30.631 30.683 30.738 30.794 30.850	27.131 27.138 27.145 27.160 27.169 27.178 27.184 27.192 27.202 27.212	99.4 98.7 97.3 96.6 95.9 95.4 94.6 93.7	12.373 12.473 12.572 12.670 12.767 12.863 12.959 13.054 13.148 13.241	.00	1481.6 1481.6 1481.5 1481.5 1481.8 1481.8 1481.7 1481.7	5274.6 5397.7 5521.7 5646.7 5772.7 5899.6 6027.5 6156.3 6286.1 6416.7	11.6 4.0 9.6 19.8 10.5 9.3 14.6 5.5 21.9 2.6
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.3 804.2 814.1 824.0 833.9 843.8 853.7 863.5 873.5	4.686 4.644 4.576 4.534 4.524 4.492 4.452 4.452 4.383 4.355	4.623 4.581 4.512 4.469 4.459 4.426 4.385 4.357 4.315	34.373 34.378 34.386 34.394 34.401 34.406 34.413 34.413 34.419	27.221 27.230 27.243 27.254 27.261 27.269 27.279 27.282 27.291 27.296	30.898 30.953 31.013 31.071 31.123 31.177 31.234 31.283 31.339 31.390	27.214 27.223 27.236 27.247 27.254 27.261 27.271 27.274 27.284 27.289	91.9 90.6 89.6 89.1 88.4 87.5 87.2	13.334 13.426 13.517 13.607 13.696 13.785 13.873 13.960 14.047 14.134	.00	1482.0 1482.0 1481.9 1481.9 1482.0 1482.0 1482.1 1482.1 1482.1	6548.3 6680.8 6814.1 6948.4 7083.6 7219.6 7356.5 7494.2 7632.8 7772.3	5.8 16.0 12.2 6.4 9.3 15.8 6.1 13.4 2.6
900.0 910.0 920.0 930.0 940.0 950.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.341 4.319 4.276 4.265 4.253 4.201 4.184 4.143 4.107 4.070	4.271 4.249 4.205 4.193 4.180 4.128 4.110 4.069 4.032 3.994	34.428 34.429 34.436 34.438 34.442 34.445 34.445 34.445	27.300 27.305 27.311 27.317 27.320 27.329 27.333 27.338 27.344 27.354	31.440 31.490 31.543 31.596 31.644 31.700 31.749 31.801 31.853 31.909	27.292 27.297 27.303 27.310 27.313 27.322 27.325 27.330 27.336 27.346	85.3 84.7 84.1 83.9 83.1 82.8 82.3 81.8	14.219 14.305 14.390 14.474 14.558 14.641 14.724 14.807 14.889 14.970	0000000000	1482.2 1482.3 1482.3 1482.4 1482.6 1482.5 1482.6 1482.6 1482.6 1482.6	7912.6 8053.7 8195.7 8338.5 8482.1 8626.6 8771.8 8917.9 9064.8 9212.5	1.3659638 32.2253.5 53.8

Station	60	Latitude	32° 02.	89'N	Longitu	de 126°	42.52'W	02	May 1991	GMT	3:54	Bottom	4180 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z			Dyn.Ht	LTR	. sv	TF	N ²
ďЬ	m	•c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	J/kg	0/0	m/s	m ³ /s ²	10 ⁶ /s ²
1000.0	992.2	4.049	3.973	34.456	27.356	31.958	27.348	80.7	15.051	.0	1482.7	9360.9	1.2
1020.0 1040.0	1012.0 1031.7	3.994 3.959	3.916 3.880	34.461	27.366	32.061	27.358	79.8	15.212	.0	1482.8	9660.3	1.2 6.7
1060.0	1051.5	3.892	3.812	34.465 34.471	27.373 27.385	32.159 32.264	27.365	79.3	15.371	.0		9962.7	12.9
1080.0	1071.3	3.850	3.769	34.475	27.393	32.364	27.377 27.384	78.2 77.5	15.528 15.684	.0		10268.3 10576.9	2.1 6.5
1100.0	1091.1	3.782	3.699	34.480	27.403	32.467	27.395	76.5	15.838	.ŏ	1483.3	10888.5	6.2
1120.0 1140.0	1110.8 1130.6	3.740	3.657	34.481	27.408	32.565	27.400	76.1	15.990	.0	1483.4	11203.2	2.1
1160.0	1150.4	3.680 3.648	3.595 3.562	34.486 34.491	27.419 27.425	32.667	27.410	75.2	16.142	.0	1483.5	11520.8	5.9
1180.0	1170.1	3.616	3.529	34,495	27.432	32.766 32.865	27.417 27.424	74.6 74.1	16.291 16.440	.0		11841.3 12164.8	2.7 8
1200.0	1189.9	3.561	3.472	34.502									
1220.0	1209.7	3.515	3.425	34.505	27.443 27.450	32.968 33.068	27.434 27.442	73.1 72.4	16.587 16.732	.0	1484.0 1484.2	12491.1 12820.3	3.0 .9
1240.0	1229.4	3.468	3.377	34.511	27.459	33.169	27.451	71.6	16.876	.ŏ	1484.3	13152.4	8.0
1260.0	1249.2	3.428	3.336	34.514	27.466	33.268	27,457	71.1	17.018	.ŏ	1484.5	13487.2	3.6
1280.0 1300.0	1268.9 1288.7	3.376 3.324	3.283	34.519	27.475	33.369	27.466	70.2	17.160	.0		13824.8	4.2
1320.0	1308.4	3.287	3.229 3.191	34.523 34.525	27.483 27.489	33.470 33.568	27.474 27.479	69.4	17.299	.0		14165.1	1.6
1340.0	1328.2	3.261	3.164	34.528	27.493	33.664	27.484	68.9 68.6	17.438 17.575	.0		14508.2 14853.9	.4 6.3
1360.0	1347.9	3.212	3.114	34.531	27.500	33.764	27.491	67.9	17.712	.ŏ		15202.3	7.2
1380.0	1367.7	3.173	3.073	34.534	27.507	33.862	27.498	67.3	17.847	.0		15553.4	2.2
1400.0	1387.4	3.131	3.030	34.537	27.513	33.961	27.504	66.7	17.980	.0	1485.6	15907.0	1.9
1420.0	1407.2	3.103	3.001	34.539	27.517	34.057	27.508	66.4	18.114	.ŏ		16263.3	5.1
1440.0 1460.0	1426.9 1446.6	3.059 3.009	2.955	34.542	27.524	34.156	27.514	65.8	18.246	.0		16622.2	3.7
1480.0	1466.4	2.969	2.905 2.863	34.546 34.549	27.532 27.537	34.256	27.522	65.0	18.376	.0		16983.6	3.4
1500.0	1486.1	2.941	2.833	34.552	27.542	34.354 34.451	27.528 27.533	64.5 64.0	18.506 18.634	.0		17347.5 17713.9	3.1 4.6
1520.0	1505.8	2.906	2.798	34.554	27.547	34.547	27.538	63.6	18.762	.ŏ		18082.9	.2
1540.0	1525.6	2.879	2.769	34.557	27.552	34.644	27.542	63.2	18,888	.ŏ	1486.8	18454.3	4.9
1560.0 1580.0	1545.3 1565.0	2.831 2.795	2.720	34.560	27.559	34.743	27.549	62.5	19.014	.0		18828.1	2.6
			2.683	34.563	27.565	34.841	27.555	61.9	19.139	.0	1487.1	19204.4	.5
1600.0	1584.7	2.757	2.643	34.566	27.571	34.939	27.561	61.4	19.262	.0		19583.1	.0
1620.0 1640.0	1604.5 1624.2	2.721 2.684	2.607 2.568	34.569 34.571	27.576 27.581	35.036	27.566	60.8	19.384	.0	1487.5	19964.2	2.3
1660.0	1643.9	2.660	2.543	34.573	27.585	35.134 35.229	27.571 27.575	60.3 60.0	19.505 19.626	.0		20347.7 20733.4	4.7
1680.0	1663.6	2.626	2.508	34.576	27.590	35.326	27.580	59.5	19.745	.0	1488.1	21121.5	2.3 5.3
1700.0	1683,3	2.568	2.448	34.580	27.599	35.428	27.588	58.6	19.863	.ŏ	1488.2	21512.0	2.9
1720.0 1740.0	1703.0 1722.8	2.523	2.403	34.582	27.604	35.525	27.594	58.0	19.980	.0	1488.3	21904.7	3
1760.0	1742.5	2.491 2.448	2.369 2.325	34.585 34.587	27.609 27.615	35.622 35.720	27.599 27.604	57.5 57.0	20.095	.0	1488.5	22299.6	.3
1780.0	1762.2	2.411	2.286	34.590	27.620	35.818	27.610	56.4	20.210 20.323	.0	1488.7 1488.9	22696.8 23096.1	2.1 1.2
1800.0	1781.9	2.392	2.266	34.592	27.623								
1820.0	1801.6	2.361	2.234	34.595	27.628	35.912 36.009	27.613 27.618	56.1 55.6	20.435 20.547	.0	1489.1 1489.3	23497.7 23901.4	1.4
1840.0	1821.3	2.333	2.205	34.598	27.633	36,106	27.623	55.2	20.658	.0	1489.5	24307.3	1.5 1.6
1860.0	1841.0	2.310	2.180	34.601	27.638	36.201	27.627	54.8	20.768	.ŏ	1489.8	24715.3	-1.4
1880.0 1900.0	1860.7 1880.4	2.291 2.251	2.161 2.119	34.603	27.640	36.295	27.630	54.5	20.877	.0	1490.0	25125.4	1.0
1920.0	1900.1	2.218	2.085	34.605 34.606	27.646 27.649	36.393 36.488	27.635 27.638	53.9 53.6	20.986	٠.	1490.2	25537.7	6.3
1940.0	1919.8	2.190	2.056	34.607	27.653	36.583	27.642	53.6	21.093 21.200	.0	1490.4 1490.6	25952.0 26368.4	1.9
1960.0	1939.4	2.176	2.040	34.608	27.654	36.676	27.644	53.1	21.306	.ŏ	1490.9	26786.8	1.6
1980.0	1959.1	2.154	2.016	34.611	27.659	36.771	27.648	52.7	21.412	.0	1491.1	27207.3	4.0
2000.0	1978.8	2.132	1.994	34.613	27.662	36.866	27.651	52.4	21.517	.0	1491.4	27629.8	4.9
2050.0 2096.0	2028.0	2.089	1.947	34.617	27.669	37.100	27.658	51.7	21.777	.0	1492.0	28695.0	.2
2090.0	2073.3	2.045	1.899	34.620	27.676	37.316	27.664	51.1	22.014	.0	1492.6	29685.9	.0

Station	61	Latitude	32° 04.	74'N	Longit	ude 126°	52.96'W	02	May 1991	GMT 6	:31	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.007 15.011 15.014 15.008 14.581 14.194 13.969 13.876 13.551	15.007 15.009 15.011 15.009 15.002 14.574 14.185 13.959 13.865 13.539	33.177 33.182 33.184 33.184 33.230 33.160 33.154 33.168 33.113	24.566 24.569 24.571 24.571 24.573 24.700 24.727 24.770 24.800 24.824	24.566 24.613 24.659 24.704 24.750 24.921 24.993 25.080 25.155 25.224	24.566 24.569 24.570 24.570 24.572 24.698 24.726 24.768 24.798 24.822	336.1 336.3 336.5 336.6 324.8 322.4 318.6 316.0 313.9	.000 .336 .672 1.008 1.345 1.679 2.003 2.324 2.641 2.956	0000000000	1505.2 1505.4 1505.5 1505.7 1505.8 1504.7 1503.5 1502.9 1502.8 1501.8	.0 1.7 6.7 15.1 26.8 41.9 60.2 81.8 106.5	-5.2 1.9 -7 202.1 9.7 51.2 21.9
100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.2	13.473 13.508 13.401 12.666 11.476 10.566 10.132 9.681 9.422 9.283	13.459 13.492 13.384 12.649 11.458 10.548 10.114 9.662 9.402 9.262	33.104 33.155 33.159 33.161 33.127 33.113 33.146 33.227 33.378 33.494	24.833 24.867 24.891 25.038 25.235 25.386 25.486 25.624 25.784 25.898	25.278 25.355 25.424 25.617 25.862 26.061 26.207 26.392 26.598 26.757	24.830 24.863 24.888 25.034 25.232 25.383 25.483 25.621 25.781 25.894	313.4 310.5 308.4 294.5 275.7 261.3 252.0 238.9 223.8 213.2	3.269 3.581 3.891 4.194 4.479 4.748 5.006 5.251 5.481 5.697	0000000000	1501.7 1502.1 1501.9 1499.6 1495.6 1492.5 1491.1 1489.7 1488.9	165.3 199.5 236.7 276.9 320.1 366.0 414.5 465.6 518.9 574.5	22.5 25.1 95.7 271.2 120.8 119.4 168.8 117.2 66.2 9.1
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.214 9.077 9.000 8.743 8.659 8.431 8.239 8.105 8.004 7.829	9.192 9.055 8.976 8.718 8.634 8.405 8.213 8.078 7.976 7.800	33.559 33.702 33.803 33.896 33.925 33.963 33.977 33.987 34.005 34.017	25.960 26.094 26.185 26.298 26.334 26.399 26.439 26.467 26.496 26.532	26.865 27.044 27.181 27.340 27.421 27.533 27.619 27.693 27.768 27.851	25.956 26.090 26.181 26.294 26.330 26.395 26.435 26.462 26.492 26.528	207.5 195.0 186.5 175.9 172.6 166.5 162.8 160.3 157.6 154.3	5.910 6.111 6.301 6.481 6.655 6.825 6.989 7.151 7.310 7.465	0000000000	1488.9 1488.7 1488.0 1487.3 1486.7 1486.4 1486.2 1485.7	632.2 692.0 753.7 817.2 882.5 949.4 1018.1 1088.3 1160.1 1233.5	153.8 96.1 94.0 46.0 64.4 44.5 18.1 21.9 38.5 13.6
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.733 7.626 7.493 7.416 7.141 7.042 7.019 6.965 6.835 6.858	7.703 7.596 7.462 7.385 7.109 7.010 6.986 6.930 6.800 6.821	34.026 34.033 34.039 34.043 34.040 34.040 34.065 34.059 34.081	26.552 26.574 26.592 26.669 26.662 26.664 26.705 26.719	27.917 27.985 28.049 28.112 28.201 28.258 28.307 28.380 28.440 28.500	26.548 26.569 26.588 26.604 26.646 26.657 26.660 26.687 26.700 26.714	152.5 150.6 148.9 147.4 143.5 142.5 142.4 139.9 138.7 137.5	7.618 7.770 7.920 8.068 8.214 8.356 8.499 8.640 8.780 8.918	00000000000	1485.5 1485.3 1484.9 1484.8 1483.7 1483.7 1483.7 1483.4 1483.6	1308.4 1384.8 1462.7 1542.1 1622.9 1705.2 1788.8 1873.9 1960.4 2048.2	15.7 24.1 10.1 15.6 45.1 1.8 8.2 7.9 4.7 21.1
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0 490.0	397.8 407.7 417.6 427.5 437.5 447.4 457.3 467.2 477.1 487.0	6.660 6.524 6.397 6.317 6.171 6.218 6.128 5.936 5.905 5.821	6.624 6.487 6.360 6.279 6.132 6.178 6.088 5.896 5.864 5.779	34.068 34.067 34.071 34.075 34.088 34.121 34.131 34.133 34.127 34.133	26.736 26.753 26.773 26.786 26.816 26.835 26.855 26.865 26.880 26.896	28.563 28.627 28.694 28.754 28.831 28.895 28.961 29.019 29.080 29.142	26.731 26.748 26.768 26.781 26.811 26.830 26.850 26.860 26.875 26.890	136.0 134.3 132.5 131.3 128.5 126.8 125.0 124.0 122.7 121.3	9.054 9.189 9.322 9.454 9.712 9.838 9.962 10.085 10.207	0000000000	1483.0 1482.6 1482.3 1482.1 1481.7 1482.1 1481.9 1481.3 1481.4 1481.2	2137.4 2227.9 2319.8 2412.9 2507.4 2603.1 2700.1 2798.3 2897.8 2998.4	8.8 27.2 3.2 22.8 30.1 40.7 21.6 19.2 12.5 14.8
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.5 556.5 556.4 576.3 586.2	5.771 5.831 5.777 5.755 5.678 5.667 5.598 5.523 5.487 5.449	5.729 5.788 5.732 5.710 5.632 5.621 5.551 5.476 5.439 5.400	34.142 34.161 34.167 34.175 34.180 34.193 34.199 34.203 34.213 34.225	26.909 26.917 26.928 26.937 26.950 26.962 26.975 26.987 27.000 27.014	29.202 29.254 29.312 29.367 29.426 29.484 29.544 29.603 29.661 29.721	26.904 26.911 26.923 26.931 26.945 26.956 26.970 26.982 26.994 27.008	120.1 119.6 118.5 117.8 116.6 114.4 113.3 112.2 110.9	10.328 10.448 10.567 10.685 10.802 10.918 11.033 11.147 11.260 11.371		1481.2 1481.6 1481.6 1481.5 1481.5 1481.5 1481.4 1481.4 1481.4	3100.3 3203.3 3307.5 3412.9 3519.4 3627.1 3736.0 3845.9 3957.0 4069.2	4.0 10.5 7.2 5.5 15.1 25.1 12.2 18.7 16.6
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 616.0 625.9 635.8 645.7 655.6 665.5 675.4 685.3	5.389 5.292 5.258 5.238 5.186 5.160 5.116 5.074 5.020	5.340 5.289 5.241 5.207 5.185 5.133 5.106 5.062 5.019 4.964	34.237 34.246 34.252 34.257 34.269 34.276 34.284 34.289 34.296	27.031 27.044 27.054 27.063 27.067 27.080 27.089 27.101 27.110 27.122	29.784 29.844 29.900 29.955 30.006 30.065 30.119 30.178 30.233 30.291	27.025 27.038 27.048 27.056 27.061 27.074 27.083 27.094 27.103 27.115	109.4 108.2 107.3 106.6 106.2 105.1 104.3 103.2 102.5 101.4	11.481 11.590 11.697 11.804 11.911 12.016 12.121 12.225 12.328 12.430	.0000000000	1481.4 1481.3 1481.4 1481.5 1481.4 1481.5 1481.5 1481.5 1481.5	4182.4 4296.8 4412.2 4528.7 4646.2 4764.7 4884.3 5005.0 5126.6 5249.3	14.3 3.4 1.1 8.7 11.3 8.4 1.1 6.6 12.8
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.8 754.7 764.6 774.5 784.4	4.998 4.942 4.904 4.863 4.889 4.875 4.842 4.820 4.791 4.736	4.942 4.885 4.846 4.805 4.815 4.781 4.759 4.729 4.673	34.306 34.317 34.331 34.338 34.349 34.353 34.359 34.362 34.368 34.374	27.132 27.147 27.163 27.173 27.179 27.183 27.192 27.197 27.205 27.216	30.347 30.409 30.471 30.528 30.579 30.629 30.684 30.734 30.789 30.846	27.125 27.140 27.156 27.166 27.172 27.177 27.185 27.190 27.198 27.209	99.1 97.7 96.8 96.4 96.1 95.3 94.9	12.531 12.630 12.729 12.826 12.922 13.019 13.114 13.209 13.304 13.398	.00	1481.5 1481.5 1481.5 1481.5 1481.8 1481.9 1481.9 1482.0 1482.0	5372.9 5497.5 5623.1 5749.7 5877.2 6005.7 6135.1 6265.5 6396.7 6529.0	29.8 9.0 19.5 8.7 4.3 8.1 4.6 11.1 10.2 7.9
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.3 804.2 814.1 824.0 833.9 843.8 853.7 863.6 873.5	4.728 4.655 4.530 4.559 4.551 4.524 4.534 4.488 4.405 4.382	4.665 4.591 4.465 4.444 4.485 4.457 4.466 4.420 4.337 4.313	34.381 34.380 34.383 34.403 34.406 34.416 34.418 34.417	27.223 27.230 27.243 27.248 27.260 27.265 27.272 27.279 27.287 27.289	30.899 30.954 31.015 31.066 31.121 31.173 31.225 31.278 31.334 31.382	27.216 27.223 27.236 27.241 27.252 27.258 27.265 27.271 27.279 27.282	91.9 90.5 90.1 89.3 88.8 88.3 87.7 86.8	13.491 13.583 13.674 13.764 13.854 13.943 14.032 14.120 14.207 14.294	.0	1482.1 1482.0 1481.7 1481.7 1482.1 1482.2 1482.4 1482.4 1482.2 1482.2	6662.1 6796.1 6931.0 7066.9 7203.6 7341.2 7479.6 7618.9 7759.1 7900.2	15.2 8.4 2.6 15.2 12.3 2.9 9.9 13.1 6
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.3 903.2 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.351 4.337 4.297 4.253 4.232 4.190 4.147 4.116 4.069 4.035	4.281 4.266 4.226 4.181 4.160 4.117 4.074 4.042 3.994 3.960	34.421 34.429 34.436 34.438 34.441 34.443 34.443 34.447 34.451 34.454	27.296 27.304 27.313 27.320 27.325 27.331 27.336 27.342 27.350 27.356	31.435 31.489 31.545 31.598 31.649 31.702 31.753 31.865 31.860 31.913	27.288 27.296 27.306 27.313 27.317 27.323 27.328 27.328 27.334 27.342 27.348	85.4 84.5 83.9 83.5 82.9 82.5	14.380 14.466 14.551 14.635 14.719 14.802 14.884 14.967 15.048 15.129	000000000000000000000000000000000000000	1482.3 1482.4 1482.4 1482.5 1482.5 1482.5 1482.5 1482.5 1482.5	8042.1 8184.8 8328.3 8472.7 8618.0 8764.0 89058.5 9207.0 9356.2	3.2 17.5 7.6 9.6 4.1 4.7 5.5 5.8 15.2

Station	61	Latitude	32' 04.7	4' N	Longitu	de 126°	52.96'W	02	May 1991	GMT	6:31	Bottom	1490 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m ³ /s ²	N ² 10 ⁶ /s ²
1000.0 1020.0 1040.0 1060.0 1080.0 1100.0 1120.0 1140.0 1160.0	992.2 1012.0 1031.8 1051.5 1071.3 1091.1 1110.8 1130.6 1150.4 1170.2	4.016 3.988 3.943 3.875 3.829 3.811 3.743 3.658 3.570	3.940 3.911 3.865 3.795 3.748 3.729 3.659 3.574 3.485 3.402	34.457 34.464 34.469 34.474 34.479 34.481 34.488 34.494 34.492 34.494	27.361 27.369 27.377 27.389 27.397 27.401 27.414 27.427 27.434	31.963 32.064 32.164 32.268 32.369 32.464 32.570 32.676 32.777 32.881	27.353 27.361 27.369 27.389 27.393 27.406 27.418 27.426 27.435	80.2 79.5 78.8 77.0 76.8 75.6 74.4 73.6	15.209 15.369 15.528 15.684 15.839 15.993 16.145 16.295 16.444 16.590	00000000000	1482.6 1482.8 1482.9 1483.0 1483.1 1483.4 1483.4 1483.4	9506.3 9808.7 10114.3 10422.9 10734.6 11049.3 11367.0 11687.7 12011.2 12337.7	3.8 4.4 7.0 5.0 8.5 .3 17.6 7.6 19.9
1200.0 1220.0 1240.0 1260.0 1280.0 1300.0 1320.0 1340.0 1360.0	1189.9 1209.7 1229.4 1249.2 1268.9 1288.7 1308.4 1328.2 1347.9 1367.7	3.465 3.420 3.382 3.352 3.343 3.235 3.191 3.166 3.136	3.377 3.331 3.292 3.261 3.250 3.141 3.096 3.069 3.038 3.013	34.498 34.503 34.506 34.510 34.529 34.526 34.526 34.526 34.528	27.449 27.457 27.463 27.469 27.470 27.492 27.498 27.500 27.505 27.509	32.978 33.078 33.176 33.274 33.366 33.482 33.580 33.675 33.771 33.867	27.441 27.449 27.455 27.461 27.461 27.483 27.489 27.492 27.496 27.500	72.2 71.5 70.9 70.4 70.5 68.3 67.7 67.6 67.2	16.734 16.878 17.021 17.162 17.303 17.441 17.578 17.713 17.848 17.982		1483.6 1483.8 1483.9 1484.1 1484.4 1484.3 1484.5 1484.7 1484.7	12667.0 12999.1 13334.0 13671.6 14012.1 14355.2 14701.1 15049.5 15400.6 15754.4	-1.4 1.8 5.7 1.0 2.1 6.8 3.3 1.9
1400.0 1420.0 1440.0 1460.0 1480.0 1500.0	1387.4 1407.2 1426.9 1446.7 1466.4 1486.1	3.061 3.004 2.959 2.943 2.935 2.930	2.961 2.903 2.857 2.839 2.830 2.823	34.534 34.540 34.544 34.545 34.546 34.547	27.517 27.527 27.535 27.537 27.538 27.540	33.967 34.070 34.170 34.264 34.356 34.448	27.508 27.517 27.525 27.528 27.529 27.530	66.1 65.2 64.4 64.3 64.2	18.115 18.246 18.375 18.504 18.632 18.761	.00000	1485.3 1485.3 1485.5 1485.8 1486.1 1486.4	16110.7 16469.6 16831.0 17195.0 17561.4 17930.3	4.2 2 .1 -3.1 1.1 .0

Station	62	Latitude	32. 05.	70'N	Longit	ude 126°	55.50'W	03	May 1991	GMT 8	:00	Bottom	1125 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m3/s2	N ² 10 ⁶ /s ²
10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	14.957 14.959 14.962 14.962 14.325 14.203 14.214 13.973 13.709	14.957 14.958 14.958 14.958 14.923 14.318 14.194 14.204 13.962 13.696	33.179 33.178 33.178 33.178 33.156 33.160 33.221 33.181 33.142	24.579 24.577 24.577 24.577 24.585 24.697 24.726 24.771 24.779 24.815	24.579 24.622 24.666 24.710 24.761 24.919 24.991 25.081 25.145 25.214	24.579 24.577 24.576 24.576 24.583 24.696 24.724 24.788 24.788 24.812	334.9 335.6 335.6 335.5 325.0 322.6 318.6 317.0 314.9	.000 .335 .671 1.006 1.342 1.670 1.994 2.315 2.633 2.948	.00000000000000000000000000000000000000	1505.0 1505.2 1505.4 1505.5 1505.6 1503.8 1503.8 1503.1 1502.4	1.7 6.7 15.0 26.7 41.7 60.0 81.5 106.1 133.9	2 8 -1.0 170.2 29.9 37.5 39.3 24.3 21.6
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.2	13.518 13.441 13.464 13.238 11.670 10.965 10.186 9.880 9.445 9.245	13.504 13.426 13.448 13.221 11.652 10.947 10.167 9.860 9.425 9.225	33.121 33.126 33.154 33.163 33.124 33.094 33.139 33.139 33.336 33.432	24.838 24.857 24.875 24.927 25.197 25.302 25.472 25.567 25.748 25.855	25.282 25.346 25.407 25.505 25.824 25.975 26.193 26.335 26.361 26.715	24.835 24.854 24.871 24.924 25.194 25.298 25.468 25.764 25.852	312.9 311.4 310.0 305.2 279.4 269.5 253.3 244.3 217.2	3.262 3.575 3.885 4.194 4.485 4.760 5.022 5.270 5.506 5.726		1501.9 1501.8 1502.1 1501.5 1496.2 1493.9 1491.3 1490.4 1489.1 1488.7	164.8 198.8 236.0 276.2 319.4 365.4 414.1 465.3 518.9 574.8	9.0 11.6 14.0 188.8 88.9 118.6 150.4 144.8 240.5
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.149 9.130 8.903 8.834 8.653 8.505 8.416 8.191 7.991	9.127 9.108 8.879 8.810 8.628 8.479 8.390 8.164 7.963 7.719	33.539 33.697 33.781 33.881 33.930 33.963 33.974 33.996 34.009 34.021	25.954 26.081 26.183 26.272 26.339 26.410 26.461 26.502 26.546	26.859 27.031 27.179 27.314 27.427 27.521 27.589 27.687 27.774 27.865	25.951 26.078 26.179 26.269 26.335 26.384 26.406 26.457 26.497	208.0 196.1 186.6 178.3 172.1 167.6 165.7 165.7 157.1	5.940 6.141 6.331 6.514 6.688 6.858 7.024 7.187 7.346 7.501	0000000000	1488.6 1488.9 1488.3 1488.4 1487.9 1487.6 1487.4 1486.7 1486.2 1485.4	632.8 692.8 754.8 818.7 884.2 951.6 1020.5 1091.1 1163.3 1237.0	116.3 116.3 77.9 80.3 34.3 46.5 20.5 29.8 22.4 41.4
300.0 310.0 320.0 330.0 340.0 350.0 370.0 380.0 390.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.688 7.571 7.375 7.292 7.218 7.175 7.126 6.960 6.964 6.763	7.659 7.541 7.345 7.260 7.186 7.142 7.092 6.925 6.868 6.727	34.022 34.030 34.031 34.041 34.064 34.063 34.057 34.058 34.061	26.556 26.580 26.607 26.620 26.638 26.668 26.668 26.686 26.695 26.717	27.921 27.991 28.065 28.124 28.188 28.258 28.310 28.375 28.429 28.429	26.552 26.603 26.615 26.633 26.657 26.663 26.681 26.690 26.712	152.1 150.0 147.4 146.3 144.7 142.6 142.1 140.4 139.7	7.654 7.805 7.953 8.100 8.245 8.389 8.531 8.673 8.813 8.951	0000000000	1485.3 1484.5 1484.3 1484.2 1484.2 1484.2 1483.7 1483.6 1483.2	1312.3 1389.0 1467.3 1547.0 1628.1 1710.7 1794.7 1880.1 1966.9 2055.1	7.5 36.4 26.7 12.4 5.3 18.8 9.7 12.3 16.7 13.8
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.8 407.7 417.6 427.5 437.5 447.4 457.3 467.2 477.1 487.0	6.644 6.535 6.424 6.373 6.232 6.014 5.951 5.870 5.865 5.781	6.608 6.498 6.387 6.335 6.193 5.975 5.912 5.830 5.824 5.740	34.060 34.067 34.075 34.076 34.076 34.076 34.082 34.093 34.111 34.116	26.731 26.751 26.7781 26.798 26.826 26.839 26.858 26.858 26.858	28.559 28.625 28.625 28.748 28.813 28.888 28.947 29.013 29.073 29.133	26.726 26.746 26.768 26.776 26.793 26.821 26.834 26.853 26.867 26.881	136.3 134.5 132.5 131.8 130.2 127.5 126.4 124.6 123.4 122.1	9.089 9.224 9.358 9.490 9.621 9.750 9.877 10.002 10.126		1482.9 1482.7 1482.4 1482.4 1482.0 1481.3 1481.2 1481.0 1481.2 1481.0	2144.6 2235.5 2327.7 2421.2 2516.0 2612.1 2709.5 2808.1 2907.9 3009.0	23.7 -1.5 31.6 34.2 19.3 18.6 8.1 21.8 13.1
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.6 556.5 566.4 576.3 586.2	5.773 5.749 5.713 5.600 5.612 5.622 5.485 5.291 5.328	5.730 5.706 5.669 5.555 5.567 5.575 5.438 5.243 5.243	34.124 34.145 34.148 34.157 34.168 34.187 34.189 34.208 34.193 34.225	26.894 26.914 26.920 26.942 26.963 26.981 26.980 27.007 27.029	29.187 29.253 29.305 29.374 29.426 29.486 29.551 29.604 29.671 29.738	26.889 26.909 26.915 26.936 26.943 26.957 26.975 26.984 27.002 27.023	119.7 119.2 117.2 116.7 115.5 113.7 113.1 111.2	10.371 10.491 10.610 10.729 10.845 10.961 11.076 11.190 11.301 11.412	.00000000000000000000000000000000000000	1481.2 1481.3 1481.3 1481.0 1481.2 1481.4 1481.1 1481.5 1480.6 1481.0	3111.2 3214.7 3319.3 3425.2 3532.1 3640.3 3749.5 3859.9 3971.4 4084.0	4.3 8.1 4.3 10.7 6.0 9.0 20.1 23.6 8.9 22.4
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 616.0 625.9 635.8 645.7 655.6 665.5 675.4	5.267 5.239 5.222 5.178 5.140 5.131 5.109 5.073 5.036 5.070	5.218 5.189 5.172 5.127 5.088 5.078 5.056 5.018 4.981 5.014	34.241 34.260 34.273 34.279 34.285 34.292 34.298 34.306 34.315 34.327	27.048 27.067 27.079 27.089 27.099 27.105 27.112 27.123 27.135 27.140	29.804 29.868 29.926 29.982 30.038 30.090 30.144 30.201 30.258 30.309	27.042 27.061 27.073 27.083 27.093 27.098 27.106 27.117 27.128 27.134	105.9 104.9 104.0 103.1 102.7 102.0 101.1 100.1	11.520 11.627 11.732 11.837 11.940 12.043 12.145 12.247 12.347 12.447	.00.00	1480.9 1481.0 1481.1 1481.1 1481.2 1481.3 1481.3 1481.4 1481.7	4197.6 4312.4 4428.1 4544.9 4662.7 4781.6 4901.4 5022.3 5144.1 5266.9	14.8 13.4 10.4 12.5 1.4 6.9 10.7 10.2 8.1 2.9
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0	695.2 705.1 715.0 725.0 734.8 744.8 754.7 764.6 774.5	5.040 5.035 4.992 4.994 4.947 4.929 4.917 4.827 4.827 4.799	4.983 4.977 4.933 4.935 4.887 4.868 4.835 4.764 4.736	34.334 34.345 34.364 34.368 34.376 34.380 34.381 34.377	27.149 27.159 27.166 27.179 27.187 27.187 27.200 27.200 27.203 27.208 27.215	30.364 30.419 30.473 30.531 30.585 30.640 30.690 30.739 30.791 30.844	27.143 27.152 27.160 27.172 27.180 27.189 27.193 27.196 27.201 27.208	98.2 97.5 96.5 95.7 95.0 94.7 94.4	12.547 12.645 12.743 12.840 12.936 13.031 13.126 13.221 13.315 13.409	.00000000000000000000000000000000000000	1481.7 1481.9 1481.9 1482.1 1482.0 1482.1 1482.3 1482.4 1482.2 1482.3	5390.8 5515.5 5641.3 5768.0 5895.7 6024.3 6153.8 6284.3 6415.6 6548.0	7.5 4.9 15.2 28.6 12.5 4.3 1.1 7.3 2.3
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.3 804.2 814.1 824.0 833.9 843.8 853.7 863.6 873.5 883.4	4.781 4.658 4.611 4.583 4.564 4.475 4.459 4.421 4.352 4.226	4.717 4.594 4.546 4.517 4.498 4.409 4.392 4.354 4.284 4.158	34.383 34.389 34.389 34.395 34.404 34.406 34.415 34.421 34.432	27.218 27.233 27.242 27.250 27.251 27.269 27.272 27.284 27.295 27.318	30.893 30.956 31.011 31.065 31.113 31.178 31.227 31.285 31.344 31.415	27.211 27.226 27.235 27.243 27.244 27.262 27.265 27.277 27.288 27.311	91.7 90.8 90.1 90.1 88.3 88.1 87.0 85.9	13.502 13.594 13.686 13.776 13.866 13.955 14.043 14.130 14.217 14.302	0000000000	1482.4 1482.0 1482.0 1482.1 1482.1 1482.1 1482.1 1482.0 1481.6	6681.2 6815.3 6950.4 7086.3 7223.2 7360.9 7499.4 7638.9 7779.2 7920.3	20.2 6.7 14.0 38.3 7.3 4.3 6 16.6
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.3 903.2 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.233 4.215 4.197 4.166 4.147 4.140 4.104 3.995 3.949 3.917	4.164 4.145 4.126 4.095 4.075 4.068 4.031 3.922 3.876 3.843	34.432 34.434 34.437 34.438 34.437 34.441 34.449 34.452 34.452	27.317 27.321 27.323 27.329 27.331 27.331 27.338 27.356 27.364 27.368	31.459 31.509 31.557 31.609 31.658 31.704 31.757 31.823 31.877 31.928	27.310 27.313 27.316 27.321 27.324 27.324 27.330 27.349 27.356 27.361	83.6 83.4 82.9 82.7 82.8 82.1 80.3 79.6	14.386 14.469 14.553 14.636 14.719 14.801 14.884 14.965 15.045	000000000000000000000000000000000000000	1481.8 1481.9 1482.0 1482.0 1482.1 1482.2 1482.3 1482.0 1482.0	8062.2 8205.0 8348.6 8493.0 8638.2 8784.3 8931.1 9078.8 9227.2 9376.4	6.7 7.6 14.9 7.0 9 15.2 16.3 4.3 5.8

Station	62	Latitude	32° 05.	70'N	Longitu	de 126°	55.50'W	03	May 1991	GMT 6	3:00	Bottom :	1125 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m ³ /s ²	N ²
1000.0 1020.0 1040.0 1060.0 1080.0 1100.0	992.2 1012.0 1031.8 1051.5 1071.3 1091.1	3.839 3.774 3.774 3.772 3.691 3.651	3.765 3.699 3.697 3.693 3.611 3.570	34.465 34.468 34.468 34.468 34.472 34.476	27.384 27.393 27.394 27.394 27.406 27.413	31.992 32.093 32.185 32.277 32.382 32.481	27.377 27.386 27.386 27.386 27.398 27.405	77.6 76.7 76.9 77.0 75.9 75.3	15.203 15.356 15.510 15.664 15.817	.0	1481.8 1481.9 1482.2 1482.6 1482.5	9526.4 9828.6 10133.9 10442.1 10753.4	23.7 4.0 .0 .6 9.1

Station	63	Latitude	32° 07.	31'N	Longit	ıde 126°	58.96'W	03	May 1991	GMT 9	:28	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.At J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	14.940 14.950 14.952 14.955 14.299 14.227 14.203 14.177 14.029	14.940 14.944 14.947 14.947 14.919 14.292 14.218 14.193 14.166 14.016	33.172 33.173 33.173 33.172 33.156 33.156 33.157 33.167 33.150	24.576 24.576 24.576 24.576 24.702 24.711 24.724 24.737 24.755	24.576 24.664 24.708 24.758 24.924 24.927 25.034 25.091 25.154	24.576 24.575 24.575 24.575 24.580 24.701 24.709 24.722 24.735 24.752	335.1 335.8 336.1 335.8 324.6 324.0 323.0 322.1 320.6	.000 .335 .671 1.007 1.343 1.673 1.997 2.321 2.644 2.965	0000000000	1505.0 1505.1 1505.5 1505.6 1503.7 1503.7 1503.8 1503.4	.0 1.7 6.7 15.0 26.7 41.8 60.1 81.6 106.3	.0 1.3 -2.2 1.0 37.3 24.9 14.1 11.4 3.8 44.2
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.2	13.651 13.055 12.388 11.227 10.555 10.283 9.724 9.431 9.287 9.059	13.637 13.040 12.372 11.211 10.538 10.266 9.707 9.413 9.268 9.039	33.125 33.088 33.079 33.102 33.118 33.128 33.225 33.373 33.437 33.521	24.813 24.904 25.028 25.260 25.392 25.446 25.616 25.778 25.852 25.954	25.257 25.394 25.563 25.844 26.022 26.122 26.338 26.547 26.666 26.815	24.811 24.901 25.025 25.257 25.389 25.443 25.613 25.775 25.849 25.951	315.3 306.8 295.2 273.0 260.6 255.6 235.5 224.2 217.3 207.7	3.283 3.595 3.895 4.180 4.448 4.706 4.955 5.188 5.407 5.619	0000000000	1502.3 1500.5 1498.3 1494.5 1492.3 1491.5 1489.7 1489.0 1488.7	165.3 199.6 236.9 277.1 320.0 365.6 413.6 464.1 516.8 571.6	55.0 111.4 91.7 274.7 116.5 49.4 132.5 231.7 84.4 45.7
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.030 8.907 8.781 8.564 8.472 8.266 8.135 8.099 7.751	9.009 8.885 8.758 8.540 8.448 8.108 8.072 7.873 7.723	33.574 33.658 33.828 33.905 33.928 33.972 33.990 33.996 34.015 34.018	26.000 26.086 26.239 26.333 26.365 26.431 26.465 26.475 26.519 26.544	26.906 27.037 27.236 27.376 27.454 27.566 27.646 27.702 27.792 27.863	25.997 26.082 26.236 26.330 26.361 26.427 26.461 26.471 26.515 26.539	203.6 195.6 181.2 172.4 169.5 163.4 160.3 159.5 155.4 153.2	5.826 6.025 6.214 6.393 6.563 6.730 6.892 7.052 7.210 7.364	0000000000	1488.2 1488.0 1487.9 1487.4 1487.2 1486.7 1486.4 1485.8 1485.4	628.5 687.4 748.2 810.9 875.2 941.3 1009.0 1078.2 1149.1 1221.4	117.4 80.2 154.6 91.6 -1.2 67.0 14.3 11.3 30.9 16.5
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.3 338.2 348.0 358.0 368.0 377.9 387.8	7.607 7.496 7.419 7.215 7.177 7.001 6.819 6.656 6.644 6.596	7.578 7.466 7.388 7.184 7.145 6.969 6.786 6.622 6.609 6.561	34.026 34.030 34.036 34.039 34.053 34.053 34.056 34.053 34.072	26.571 26.590 26.606 26.637 26.653 26.677 26.704 26.724 26.740 26.764	27.937 28.002 28.063 28.141 28.203 28.275 28.348 28.415 28.477 28.546	26.567 26.586 26.601 26.632 26.648 26.673 26.700 26.720 26.736 26.759	150.6 149.0 147.6 144.7 143.3 141.0 138.4 135.2 133.1	7.516 7.666 7.814 7.960 8.104 8.246 8.386 8.524 8.659 8.793	00000000000	1485.0 1484.8 1484.0 1484.0 1483.5 1483.0 1482.6 1482.6	1295.3 1370.7 1447.6 1525.9 1605.6 1686.8 1769.4 1853.3 1938.6 2025.2	9.2 4.2 29.7 17.6 25.0 23.2 29.0 11.4 26.3 8.8
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0 490.0	397.7 407.7 417.6 427.5 437.4 447.3 467.2 477.1 487.0	6.536 6.341 6.154 6.006 6.015 5.864 5.809 5.820 5.796 5.713	6.500 6.305 6.117 5.969 5.977 5.825 5.770 5.780 5.756 5.672	34.105 34.089 34.077 34.069 34.095 34.112 34.112 34.136 34.148	26.781 26.794 26.808 26.821 26.840 26.860 26.880 26.886 26.901 26.920	28.610 28.670 28.732 28.792 28.857 28.924 28.990 29.042 29.102 29.168	26.777 26.790 26.804 26.816 26.835 26.856 26.875 26.882 26.896 26.915	131.5 130.3 128.9 127.7 126.0 124.1 122.3 121.8 120.6 118.8	8.925 9.056 9.185 9.313 9.440 9.565 9.689 9.811 9.932 10.052	00000000000	1482.6 1481.9 1481.3 1480.9 1480.7 1480.6 1480.9 1480.9	2113.1 2202.4 2292.9 2384.6 2477.7 2572.0 2667.5 2764.2 2862.1 2961.2	19.6 16.3 25.7 2.5 28.9 11.3 18.9 12.8 10.1 35.3
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	497.0 506.9 516.8 526.7 536.6 546.5 556.4 576.3 586.2	5.661 5.633 5.583 5.707 5.718 5.692 5.671 5.687 5.648 5.598	5.619 5.590 5.540 5.662 5.672 5.623 5.623 5.638 5.598 5.548	34.153 34.162 34.161 34.203 34.215 34.233 34.252 34.284 34.288 34.295	26.931 26.942 26.946 26.965 26.973 26.991 27.008 27.032 27.040 27.052	29.225 29.282 29.333 29.395 29.449 29.512 29.576 29.644 29.699 29.756	26.926 26.936 26.941 26.959 26.985 27.003 27.026 27.034 27.045	117.9 117.0 116.6 115.1 114.5 112.9 111.4 109.3 108.6 107.6	10.170 10.288 10.405 10.520 10.635 10.748 10.861 10.971 11.080		1480.7 1480.8 1480.8 1481.5 1481.7 1481.8 1481.9 1482.2 1482.2	3061.5 3163.0 3265.6 3369.3 3474.2 3580.2 3687.4 3795.6 3904.9 4015.3	12.5 5.4 11.6 11.9 17.2 5.5 25.7 23.1 10.2 6.7
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0 690.0	596.1 606.0 615.9 625.8 635.8 645.7 655.6 665.5 675.4 685.3	5.548 5.483 5.430 5.352 5.222 5.182 5.114 5.073 5.039 4.960	5.497 5.431 5.378 5.300 5.170 5.129 5.060 5.019 4.984 4.904	34.305 34.311 34.312 34.305 34.309 34.310 34.310 34.313 34.316	27.066 27.078 27.085 27.095 27.105 27.113 27.121 27.126 27.133 27.144	29.817 29.876 29.929 29.985 30.043 30.097 30.152 30.204 30.256 30.315	27.060 27.072 27.079 27.089 27.098 27.106 27.115 27.120 27.126 27.138	106.3 105.2 104.6 103.7 102.7 102.0 101.2 100.8 100.3 99.2	11.296 11.401 11.506 11.610 11.714 11.816 11.917 12.018 12.119 12.219	•••••••••	1482.1 1482.0 1482.0 1481.8 1481.5 1481.5 1481.3 1481.3 1481.4	4126.7 4239.2 4352.8 4467.3 4582.9 4699.5 4817.1 4935.6 5055.2 5175.8	5.2 7.6 6.7 1.7 16.9 4.6 12.8 4.3 10.4 2.8
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.945 4.880 4.854 4.821 4.809 4.718 4.630 4.672 4.603 4.562	4.889 4.823 4.797 4.763 4.750 4.659 4.570 4.611 4.542 4.500	34.318 34.325 34.328 34.347 34.347 34.350 34.346 34.367 34.373 34.380	27.147 27.160 27.166 27.181 27.186 27.199 27.205 27.218 27.230 27.240	30.364 30.424 30.475 30.536 30.587 30.647 30.701 30.758 30.817 30.874	27.141 27.154 27.159 27.174 27.179 27.192 27.198 27.211 27.223 27.233	99.0 97.7 97.3 95.9 95.6 94.3 93.7 92.7 91.5 90.6	12.318 12.416 12.514 12.610 12.706 12.801 12.895 12.988 13.080 13.171	0000000000	1481.3 1481.2 1481.3 1481.3 1481.4 1481.2 1481.0 1481.4 1481.3 1481.3	5297.3 5419.9 5543.3 5667.8 5793.1 5919.5 6046.7 6174.9 6303.9 6433.9	8.4 17.8 5.2 7.2 10.7 6.6 16.9 7.8 9.6
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.496 4.484 4.473 4.464 4.399 4.240 4.228 4.216 4.167	4.434 4.421 4.409 4.400 4.361 4.333 4.174 4.161 4.149 4.099	34.400 34.408 34.414 34.420 34.423 34.417 34.417 34.425 34.425	27.254 27.264 27.272 27.278 27.287 27.287 27.304 27.306 27.313 27.315	30.935 30.990 31.044 31.096 31.151 31.202 31.264 31.311 31.365 31.413	27.248 27.257 27.265 27.271 27.279 27.285 27.297 27.299 27.306 27.308	89.2 88.4 87.8 87.2 86.5 86.6 84.6 83.9 83.7	13.261 13.350 13.438 13.525 13.612 13.698 13.784 13.868 13.953 14.037	0000000000	1481.2 1481.3 1481.5 1481.6 1481.6 1481.7 1481.2 1481.3 1481.4	6564.8 6696.5 6829.1 6962.6 7096.9 7232.1 7368.1 7504.9 7642.6 7781.1	13.4 7.5 6.6 3.4 11.3 12.8 9.6 2.0 10.2
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.139 4.093 4.069 4.057 4.053 4.018 3.982 3.956 3.938 3.938	4.070 4.024 3.999 3.987 3.982 3.947 3.909 3.883 3.864	34.424 34.434 34.436 34.438 34.443 34.447 34.450 34.455 34.456	27.319 27.325 27.336 27.338 27.341 27.349 27.355 27.361 27.366 27.368	31.463 31.517 31.573 31.622 31.670 31.724 31.777 31.829 31.880 31.927	27.312 27.318 27.329 27.331 27.334 27.342 27.348 27.359 27.359	83.4 82.8 81.9 81.7 81.5 80.8 80.2 79.7 79.3	14.120 14.203 14.285 14.367 14.449 14.530 14.611 14.691 14.770 14.849	0000000000	1481.4 1481.4 1481.6 1481.7 1481.7 1481.8 1481.8 1481.9 1482.0	7920.4 8060.6 8201.5 8343.3 8485.8 8629.2 8773.3 8918.3 9064.0 9210.5	12.5 11.9 4.3 3.4 8.7 2.0 .8 9.3

Station	63	Latitude	32° 07.	31'N	Longitu	de 126°	58.96'W	03	May 1991	GMT	9:28	Bottom	2630 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn.Ht	LTR	sv	TP	N ²
ďЪ	m	•c	.c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	J/kg	0/0		m ³ /s ²	10 ⁶ /s ²
1000.0	992.2	3.913	3.838	34.459	27.372	31.978	27,365	78.9	14.929				
1020.0	1011.9	3.832	3.756	34.462	27.383	32.082	27.376	77.8	15.085	.0	1482.1 1482.1	9357.7 9654.6	5.8 9.3
1040.0 1060.0	1031.7 1051.5	3.750	3.673	34.472	27.399	32.191	27.392	76.3	15.240	.ŏ	1482.1	9954.5	5.8
1080.0	1071.3	3.709 3.645	3.631 3.566	34.476 34.483	27.407	32.291	27.399	75.6	15.392	.0	1482.3	10257.4	2.3 6.7
1100.0	1091.0	3.595	3.514	34.485	27.419 27.425	32.396 32.495	27.411 27.417	74.5 74.0	15.542	.0		10563.2	6.7
1120.0	1110.8	3.550	3.468	34.489	27.433	32.595	27.425	73.3	15.691 15.838	.0	1482.5 1482.6	10872.0 11183.7	4.1 5.0
1140.0 1160.0	1130.6	3.496	3.413	34.494	27.442	32.697	27.434	72.5	15,983		1482.7	11498.2	5.3
1180.0	1150.3 1170.1	3.450 3.434	3.366	34.498	27.450	32.797	27.442	71.7	16.127	.0	1482.9	11815.6	-1.2
	-		3.348	34.500	27.454	32.892	27.446	71.5	16.271	.0	1483.2	12135.7	-1.2
1200.0 1220.0	1189.9	3.413	3.326 3.279	34.502	27.457	32.987	27.449	71.3	16.413	.0	1483.4	12458.7	3.5
1240.0	1209.6 1229.4	3.367 3.275	3.279	34.507 34.515	27.465	33.088	27.457	70.6	16.555	.0	1483.5	12784.4	10.0
1260.0	1249.2	3.229	3.138	34.520	27.481 27.489	33.197 33.298	27.473 27.480	69.0	16.695	.0		13112.9	3.5
1280.0	1268.9	3.184	3.092	34.523	27.496	33.397	27.487	68.3 67.6	16.832 16.968	.0	1483.6 1483.8	13444.1 13777.9	2.4 4.7
1300.0 1320.0	1288.7	3.134	3.041	34.529	27.505	33.499	27.497	66.7	17.102	.ŏ	1483.9	14114.4	3.0
1340.0	1308.4 1328.2	3.106 3.086	3.012 2.990	34.531 34.532	27.510	33.595	27.501	66.4	17.235	.0	1484.1	14453.5	3.3
1360.0	1347.9	3.036	2.939	34.532	27.513 27.521	33.690 33.791	27.504 27.513	66.2	17.368	.0	1484.4	14795.2	2.4
1380.0	1367.7	3.002	2.904	34.541	27.527	33.889	27.513	65.3 64.8	17.500 17.630	.0	1484.5 1484.7	15139.4 15486.3	5.1
1400.0	1387.4	2.961	2.862	34.543	27.533								8.0
1420.0	1407.1	2.908	2.808	34.549	27.533	33.987 34.089	27.524 27.533	64.3	17.759	.0	1484.8	15835.6	1.0
1440.0	1426.9	2.869	2.767	34.551	27.548	34.187	27.538	63.4 62.9	17.886 18.013	.o	1484.9 1485.1	16187.4 16541.7	4.2
1460.0	1446.6	2.851	2.748	34.553	27.551	34.282	27.542	62.6	18.138	.ŏ	1485.4	16898.5	2.8 2.5
1480.0 1500.0	1466.3 1486.1	2.823 2.782	2.718	34.555	27.555	34.377	27.546	62.3	18.263	.ŏ	1485.6	17257.6	3.4
1520.0	1505.8	2.742	2.676 2.636	34.559 34.563	27.562 27.569	34.477	27.553	61.6	18.387	.0	1485.7	17619.2	1.6
1540.0	1525.5	2.730	2.622	34.564	27.571	34.576 34.669	27.560 27.562	61.0 60.8	18.510	.0	1485.9	17983.2	4
1560.0	1545.3	2.686	2.576	34.567	27.577	34.768	27.568	60.2	18.631 18.752	.0	1486.2 1486.3	18349.6 18718.3	4.9 3.7
1580.0	1565.0	2.661	2.550	34.570	27.582	34.863	27.572	59.8	18.872	.ŏ	1486.6	19089.4	5.8
1600.0	1584.7	2.608	2.496	34.574	27.590	34.964	27.580	59.0	18.991			_	
1620.0	1604.4	2.586	2.473	34.575	27.593	35.059	27.583	58.7	19.109	.0	1486.7 1486.9	19462.8 19838.5	2.0 1.4
1640.0 1660.0	1624.2 1643.9	2.543 2.521	2.429	34.580	27.600	35.159	27.583 27.590	58.0	19.226	.ŏ	1487.1	20216.4	5.8
1680.0	1663.6	2.489	2.405 2.372	34.581 34.584	27.603 27.608	35.253 35.350	27.593	57.8	19.341	.0	1487.3	20596.7	.3
1700.0	1683.3	2.466	2.348	34.587	27.612	35.446	27.598 27.603	57.3 56.9	19.456 19.570	.0	1487.5	20979.1	1.1
1720.0	1703.0	2.428	2.308	34.590	27.618	35.544	27.608	56.3	19.684	.0	1487.8 1487.9	21363.8 21750.7	.0
1740.0 1760.0	1722.7 1742.4	2.408 2.372	2.287 2.251	34.592 34.594	27.621	35.638	27.611	56.0	19.796	.ŏ	1488.2	22139.7	4.7
1780.0	1762.1	2.329	2.206	34.594	27.626 27.633	35.736 35.835	27.616 27.623	55.5	19.908	.0	1488.4	22530.9	3.8
1800.0	1781.8							54.8	20.018	٥.	1488.5	22924.3	6.2
1820.0	1801.5	2.314 2.295	2.190 2.169	34.599 34.601	27.635 27.638	35.928	27.625	54.7	20.128	.0	1488.8	23319.8	.3
1840.0	1821.2	2.277	2.149	34.603	27.641	36.022	27.628 27.631	54.4 54.2	20.237	.0	1489.0	23717.5	.4
1860.0	1840.9	2.263	2.149 2.134	34.603	27.643	36.116 36.209	27.632	54.0	20.346	.0	1489.3 1489.6	24117.2 24519.0	3.9 2
1880.0 1900.0	1860.6 1880.3	2.246	2.116	34.606	27.647	36.304	27.636	53.7	20.561	.0	1489.8	24923.0	2 5
1920.0	1900.0	2.235 2.193	2.103	34.606 34.611	27.648 27.655	36.396	27.637	53.7	20.669	.0	1490.1	25329.0	6.0
1940.0	1919.7	2.181	2.046	34.611	27.657	36.495 36.587	27.644 27.646	52.9 52.8	20.775	٠,٥	1490.3	25737.0	3.1
1960.0	1939.4	2.168	2.032	34.612	27.658	36.680	27.647	52.7	20.881 20.986	.0	1490.6 1490.8	26147.1 26559.3	.7
1980.0	1959.1	2.145	2.008	34.614	27.662	36.775	27.651	52.3	21.091	.ŏ	1491.1	26973.5	.2 2.5
2000.0	1978.8	2.132	1.993	34.615	27.664	36.868	27.653	52.2	21.196	.0	-		
2050.0 2098.0	2028.0 2075.2	2.077	1.935	34.619	27.672	37.104	27.661	51.4	21.454	.0	1491.4 1492.0	27389.7 28439.0	9.9 9
2090.0	2013.2	2.049	1.903	34.623	27.677	37.326	27.666		21.700	.0	1492.7	29458.0	

Station	64	Latitude	32. 11.	13'N	Longit	ude 127°	05.08'W	03	May 1991	GMT 11	.:30	Bottom	4100 m
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³		Dyn.Ht	LTR 0/0	SV m/s	TF m ³ /s ²	N ² 10 ⁶ /s ²
10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	14.912 14.914 14.915 14.868 14.275 14.199 14.137 14.100 14.032	14.912 14.913 14.912 14.863 14.720 14.268 14.190 14.127 14.089 14.019	33.169 33.167 33.167 33.158 33.141 33.139 33.138 33.137	24.580 24.579 24.579 24.590 24.613 24.699 24.712 24.731 24.731	24.580 24.623 24.667 24.722 24.790 24.920 24.978 25.034 25.085	24.580 24.579 24.578 24.588 24.612 24.697 24.710 24.722 24.722	334.7 335.2 335.5 334.8 332.8 324.9 323.9 323.1 322.7 321.7	.000 .335 .670 1.005 1.340 1.668 1.993 2.316 2.639 2.961	00000000000	1504.9 1505.2 1505.2 1504.9 1503.6 1503.5 1503.5	1.7 6.7 15.0 26.7 41.7 59.9 81.4 106.1	-2.8 8 7.7 108.4 34.6 12.6 7.6 9.1 6.5
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.1	14.005 13.414 11.964 10.807 10.126 9.791 9.505 9.268 9.224 9.116	13.991 13.399 11.948 10.792 10.110 9.774 9.487 9.250 9.205 9.096	33.152 33.073 33.077 33.151 33.236 33.325 33.430 33.568 33.650	24.761 24.861 25.103 25.316 25.490 25.613 25.729 25.850 25.964 26.046	25.205 25.350 25.640 25.900 26.290 26.453 26.619 26.779 26.906	24.758 24.858 25.100 25.313 25.487 25.610 25.727 25.847 25.961 26.043	320.3 311.0 287.9 267.7 251.1 239.6 228.6 217.3 206.7 199.1	3.282 3.599 3.896 4.176 4.435 4.680 4.914 5.138 5.349 5.554	0000000000	1503.5 1501.7 1496.9 1493.0 1490.8 1489.0 1488.4 1488.4 1488.6 1488.5	165.0 199.3 236.6 276.8 319.7 365.0 412.7 462.7 514.9 569.1	26.4 291.3 128.8 229.9 164.7 157.9 72.7 243.1 36.3 144.7
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.6 278.6 288.5	9.057 8.904 8.775 8.647 8.440 8.357 8.317 8.148 8.089 7.858	9.035 8.882 8.752 8.623 8.415 8.331 8.290 8.121 8.061 7.829	33.730 33.831 33.865 33.889 33.940 33.971 33.975 33.989 33.999 34.001	26.118 26.222 26.268 26.308 26.380 26.417 26.426 26.462 26.479 26.515	27.024 27.173 27.265 27.350 27.468 27.551 27.606 27.608 27.750 27.833	26.115 26.218 26.265 26.304 26.376 26.413 26.422 26.458 26.474 26.510	192.4 182.7 178.5 174.9 168.2 164.8 164.1 159.3 155.9	5.748 5.937 6.117 6.294 6.465 6.631 6.796 6.958 7.118 7.275	0000000000	1488.5 1488.2 1488.0 1487.7 1487.1 1487.0 1487.0 1486.6 1486.5 1485.8	625.3 683.3 743.2 804.9 868.3 933.4 1000.1 1068.4 1138.3 1209.8	52.7 102.5 74.4 67.3 72.6 4.6 27.2 9.6 13.1
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	7.693 7.563 7.389 7.305 7.211 7.076 6.897 6.699 6.611 6.421	7.663 7.533 7.358 7.273 7.179 7.043 6.864 6.665 6.577 6.386	33.998 34.011 34.003 34.001 34.002 34.004 34.006 34.009 34.010 34.015	26.536 26.565 26.584 26.594 26.608 26.655 26.655 26.696 26.725	27.901 27.976 28.042 28.098 28.158 28.225 28.229 28.374 28.433 28.510	26.532 26.561 26.579 26.590 26.604 26.624 26.650 26.679 26.691 26.721	154.0 151.3 149.6 148.7 147.5 145.6 143.2 143.2 139.3	7.430 7.583 7.734 7.883 8.031 8.178 8.322 8.464 8.604 8.742	.0000000000	1485.3 1485.0 1484.5 1484.3 1484.1 1483.7 1483.2 1482.6 1482.4 1481.8	1282.8 1357.4 1433.4 1510.9 1670.4 1752.3 1835.6 1920.3 2006.4	27.4 10.1 8.0 8.0 19.4 40.7 42.5 28.1 20.8 41.2
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0 490.0	397.7 407.6 417.6 427.5 437.4 447.4 457.3 467.2 477.1	6.314 6.226 6.152 5.989 5.876 5.789 5.660 5.639 5.620 5.645	6.279 6.190 6.116 5.952 5.838 5.751 5.622 5.600 5.580 5.604	34.019 34.033 34.041 34.038 34.043 34.058 34.062 34.062 34.076 34.092 34.112	26.742 26.764 26.780 26.799 26.817 26.839 26.858 26.858 26.887 26.900	28.574 28.642 28.704 28.770 28.835 28.904 28.970 29.030 29.030 29.149	26.738 26.760 26.775 26.794 26.812 26.834 26.853 26.867 26.882 26.895	135.0 133.0 131.5 129.7 128.0 126.0 124.2 123.0 121.7 120.6	8.877 9.011 9.143 9.274 9.403 9.530 9.655 9.779 9.901	000000000	1481.6 1481.4 1481.3 1480.8 1480.5 1480.3 1480.0 1480.1 1480.2 1480.5	2093.9 2182.6 2272.7 2364.1 2456.8 2550.7 2645.9 2742.3 2839.9 2938.7	2.3 1.4 21.6 22.4 20.4 16.8 13.9 9.5 3.6
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	497.0 506.9 516.8 526.7 536.6 546.5 556.4 576.3 586.2	5.475 5.408 5.246 5.261 5.145 5.036 5.056 5.001 4.932 4.946	5.433 5.366 5.203 5.218 5.102 4.992 5.011 4.956 4.886 4.899	34.113 34.117 34.130 34.131 34.131 34.160 34.162 34.176 34.190	26.921 26.934 26.952 26.960 26.976 27.008 27.008 27.016 27.035 27.045	29.218 29.277 29.343 29.396 29.518 29.518 29.585 29.638 29.705 29.760	26.917 26.929 26.947 26.955 26.971 26.982 27.003 27.011 27.030 27.040	118.5 117.4 115.6 115.0 113.5 112.4 110.5 109.9 108.1 107.3	10.142 10.260 10.377 10.492 10.606 10.719 10.830 10.941 11.050 11.157	.00000000000000000000000000000000000000	1479.9 1479.8 1479.3 1479.6 1479.3 1479.0 1479.3 1479.2 1479.1 1479.3	3038.7 3139.9 3242.2 3345.7 3450.3 3556.0 3662.8 3770.8 3879.8	9.8 16.2 35.2 16.8 18.2 25.0 10.9 14.7 11.5
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.7 645.7 655.6 665.5 675.4 685.3	4.923 4.908 4.872 4.878 4.826 4.751 4.805 4.816 4.795 4.756	4.875 4.860 4.822 4.828 4.775 4.700 4.753 4.763 4.741 4.702	34.204 34.211 34.217 34.229 34.234 34.238 34.255 34.272 34.286 34.292	27.058 27.066 27.075 27.083 27.094 27.105 27.112 27.125 27.138 27.148	29.819 29.872 29.928 29.982 30.039 30.097 30.149 30.207 30.266 30.322	27.053 27.060 27.069 27.078 27.088 27.100 27.107 27.119 27.132 27.142	101.5 100.5 99.3	11.264 11.370 11.475 11.580 11.683 11.786 11.888 11.988 12.089 12.187	0000000000	1479.4 1479.5 1479.6 1479.8 1479.7 1479.6 1480.0 1480.2 1480.3 1480.3	4101.0 4213.1 4326.4 4440.6 4555.9 4672.2 4789.5 4907.8 5027.0 5147.3	11.5 6.8 14.1 8.9 10.4 6.5 10.7 6.9 23.6
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.647 4.662 4.628 4.529 4.547 4.526 4.477 4.434 4.409 4.363	4.592 4.607 4.572 4.542 4.489 4.468 4.418 4.375 4.349 4.302	34.289 34.306 34.322 34.326 34.333 34.334 34.334 34.356 34.358	27.157 27.169 27.186 27.193 27.204 27.207 27.220 27.235 27.239 27.250	30.379 30.437 30.500 30.552 30.610 30.659 30.719 30.780 30.888	27.151 27.163 27.180 27.186 27.198 27.201 27.214 27.228 27.232 27.243	96.5 95.0 94.4 93.4 93.2 92.0 90.6 90.3	12.285 12.382 12.478 12.573 12.667 12.760 12.853 12.944 13.035 13.124	00000000000	1480.0 1480.3 1480.3 1480.4 1480.4 1480.4 1480.4 1480.5 1480.4	5268.5 5390.7 5513.8 5637.9 5762.9 5888.8 6015.7 6143.4 6272.0 6401.5	19.2 9.8 10.4 2.5 3.4 9.2 12.4 12.7 6.9 18.6
800.0 810.0 820.0 830.0 840.0 850.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.317 4.299 4.240 4.200 4.161 4.144 4.129 4.054 4.032	4.256 4.237 4.177 4.137 4.037 4.097 4.063 3.987 3.965	34.376 34.381 34.382 34.391 34.398 34.405 34.413 34.419	27.263 27.269 27.275 27.280 27.288 27.297 27.305 27.313 27.325 27.330	30.948 31.000 31.052 31.104 31.157 31.213 31.267 31.321 31.381 31.431	27.257 27.263 27.268 27.274 27.281 27.291 27.298 27.306 27.319 27.323	87.5 87.0 86.5 85.9 85.0 84.4 83.7	13.213 13.300 13.388 13.475 13.561 13.646 13.731 13.815 13.898 13.980	0000000000	1480.4 1480.5 1480.4 1480.6 1480.6 1480.7 1480.9 1480.7	6531.9 6663.2 6795.3 6928.3 7062.1 7196.7 7332.2 7468.5 7605.7 7743.6	2.2 2.5 5.4 2.5 11.6 14.8 7.5 17.4 10.1
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.014 3.987 3.985 3.974 3.949 3.923 3.905 3.885 3.857 3.838	3.946 3.919 3.916 3.904 3.879 3.852 3.833 3.812 3.784 3.765	34.426 34.431 34.432 34.440 34.444 34.449 34.451 34.458 34.458	27.335 27.342 27.343 27.351 27.357 27.363 27.367 27.371 27.377	31.482 31.535 31.583 31.636 31.688 31.740 31.790 31.841 31.893 31.943	27.328 27.335 27.336 27.344 27.349 27.355 27.360 27.364 27.369 27.374	81.1 81.0 80.3 79.9 79.3 79.0 78.6 78.1	14.062 14.143 14.224 14.305 14.385 14.465 14.544 14.623 14.701 14.779	0000000000	1480.9 1480.9 1481.1 1481.2 1481.3 1481.4 1481.4 1481.5 1481.6 1481.7	7882.4 8021.9 8162.3 8303.4 8445.3 8588.1 8731.5 8875.8 9020.8 9166.6	8.4 1.6 4.3 2.8 7.2 4.0 5.5 3.4 6.7

Station	64	Latitude	32° 11.	13'N	Longitu	de 127°	05.08'W	03	May 1991	GMT 11	:30	Bottom	4100 m
Pres. db	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t		Dyn.Ht	LTR	sv	m3/s2	N ²
1000.0	m 992.2	*C	•c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg		0/0	m/s	CONT	10 ⁶ /s ²
1020.0	1011.9	3.803 3.742	3.729 3.667	34.464 34.467	27.388 27.396	31.996 32.097	27.380 27.388	77.2 76.4	14.856 15.010	.0	1481.7 1481.8	9313.2 9608.6	4.0 2.6
1040.0	1031.7	3.698	3.622	34.470	27.403	32.196	27.395	75.8	15.162	.ŏ	1481.9	9907.0	5.8
1060.0 1080.0	1051.5	3.672	3.595	34.476	27.410	32.296	27.403	75.2	15.313	.0	1482.1	10208.3	.0
1100.0	1071.3 1091.0	3.608 3.543	3.529 3.463	34.483 34.488	27.423 27.433	32.401	27.415	74.1	15.462	-0	1482.2	10512.6	5.5
1120.0	1110.8	3.492	3.411	34.494	27.442	32.504 32.606	27.425 27.434	73.1 72.3	15.609 15.755	.0	1482.3 1482.4	10819.8 11129.8	7.3 4.1
1140.0	1130.6	3.447	3.365	34.498	27.450	32.706	27.442	71.6	15.899	.ŏ	1482.5	11442.7	2.6
1160.0	1150.3	3.412	3.328	34.503	27.458	32.806	27.450	70.9	16.041	.0	1482.7	11758.3	4.4
1180.0	1170.1	3.372	3.287	34.507	27.465	32.905	27.457	70.3	16.183	.0	1482.9	12076.8	9
1200.0	1189.9	3.337	3.251	34.511	27.471	33.004	27.463	69.8	16.323	.0	1483.1	12398.0	.0
1220.0 1240.0	1209.6 1229.4	3.303 3.261	3.215 3.172	34.514 34.517	27.477 27.484	33.101 33.200	27.469 27.475	69.3	16.462	.0	1483.3	12721.9	7.0
1260.0	1249.1	3.216	3.126	34.521	27.491	33.300	27.483	68.7 68.0	16.600 16.736	.0	1483.4 1483.6	13048.5 13377.8	3.0 7.4
1280.0	1268.9	3.180	3.088	34.523	27.496	33.397	27.487	67.6	16.871	.0	1483.8	13709.7	1.2
1300.0	1288.6	3.146	3.053	34.528	27.503	33.496	27.494	67.0	17.006	.0	1483.9	14044.3	-1.7
1320.0 1340.0	1308.4 1328.1	3.117 3.083	3.022 2.987	34.529 34.532	27.507	33.592	27.499	66.6	17.140	٠,٥	1484.2	14381.5	1.5
1360.0	1347.9	3.053	2.956	34.534	27.512 27.517	33.690 33.786	27.504 27.508	66.2 65.8	17.272 17.404	.0	1484.3 1484.6	14721.3 15063.6	5.9 3.9
1380.0	1367.6	3.023	2.925	34.537	27.522	33.883	27.513	65.3	17.535	ĕ	1484.8	15408.6	5.1
1400.0	1387.4	2.980	2.881	34.540	27.529	33.982	27.520	64.7	17.666	.0	1484.9	15756.1	2.5
1420.0 1440.0	1407.1 1426.8	2.947	2.847	34.543	27.534	34.079	27.525	64.2	17.794	.0	1485.1	16106.1	8
1460.0	1446.6	2.923 2.884	2.821 2.781	34.545 34.548	27.538 27.544	34.175 34.273	27.529 27.535	64.0 63.4	17.923 18.050	٠٥.	1485.3	16458.6	1.0 1.3
1480.0	1466.3	2.850	2.745	34.552	27.551	34.372	27.541	62.8	18.176	.0	1485.5 1485.7	16813.5 17171.0	3.1
1500.0	1486.1	2.820	2.714	34.557	27.557	34.470	27.548	62.2	18,301	.0	1485.9	17530.9	5.4
1520.0	1505.8	2.784	2.677	34.560	27.563	34.568	27.553	61.7	18.425	.0	1486.1	17893.2	4.9
1540.0 1560.0	1525.5 1545.2	2.750 2.712	2.642 2.603	34.562 34.566	27.568 27.574	34.665	27.558	61.2	18.548	٠,٥	1486.3	18258.0	3.7
1580.0	1565.0	2.691	2.580	34.567	27.577	34.763 34.858	27.565 27.567	60.6 60.4	18.670 18.791	.0	1486.5 1486.7	18625.1 18994.5	1.4 4.9
1600.0	1584.7	2.653	2.540	34.570	27.583								
1620.0	1604.4	2.628	2.515	34.572	27.586	34.956 35.051	27.573 27.576	59.8 59.5	18.911 19.031	.0	1486.9 1487.1	19366.3 19740.5	.2 1.4
1640.0	1624.1	2.590	2.475	34.575	27.593	35.149	27.583	58.9	19.149	.ŏ	1487.3	20116.9	1.4
1660.0	1643.8	2.566	2.450	34.578	27.597	35.245	27.587	58.5	19,266	.č	1487.5	20495.6	2.0
1680.0 1700.0	1663.6 1683.3	2.545	2.427	34.579	27.600	35.339	27.590	58.3	19.383	.0	1487.8	20876.6	3
1720.0	1703.0	2.523 2.485	2.404 2.365	34.581 34.584	27.603 27.609	35.434 35.532	27.593 27.598	58.0 57.4	19.499	٥.	1488.0	21259.9	2.1
1740.0	1722.7	2.442	2.320	34.588	27.616	35.631	27.605	56.7	19.615 19.729	.0	1488.2 1488.3	21645.4 22033.1	.6 5.9
1760.0	1742.4	2.394	2.272	34.592	27.623	35.731	27.612	56.0	19.841	.ŏ	1488.5	22423.0	4.4
1780.0	1762.1	2.362	2.239	34.595	27.628	35.828	27.617	55.5	19.953	.0	1488.6	22815.1	1.8
1800.0 1820.0	1781.8 1801.5	2.345	2.220 2.192	34.595	27.630	35.921	27.619	55.3	20.063	.0	1488.9	23209.3	8
1840.0	1821.2	2.318 2.303	2.175	34.598 34.600	27.634 27.637	36.017 36.111	27.624 27.626	54.9 54.7	20.174	٠,٥	1489.1	23605.7	2.1
1860.0	1840.9	2.279	2.150	34.602	27.641	36.206	27.630	54.3	20.283	.0	1489.4 1489.6	24004.2 24404.8	1.3
1880.0	1860.6	2.254	2.123	34.604	27.645	36.301	27.634	54.0	20.500	.ŏ	1489.9	24807.5	1.0
1900.0 1920.0	1880.3 1900.0	2.224	2.093	34.607	27.649	36.398	27.639	53.5	20.608	.0	1490.1	25212.3	3.3
1940.0	1919.7	2.202 2.174	2.069 2.039	34.609 34.611	27.653 27.657	36.492 36.588	27.642 27.646	53.2 52.7	20.715 20.820	.0	1490.3 1490.5	25619.2	2.5 2.2
1960.0	1939.4	2.153	2.017	34.613	27.660	36.683	27.649	52.4	20.926	.0	1490.5	26028.1 26439.1	2.2
1980.0	1959.1	2.133	1.996	34.615	27.663	36.777	27.652	52.2	21.030	.ŏ	1491.0	26852.1	1.6
2000.0	1978.7	2.118	1.979	34.616	27.666	36.870	27.655	51.9	21.134	.0	1491.3	27267.1	.5
2050.0 2098.0	2027.9 2075.2	2.072 2.030	1.930	34.621	27.674	37.106	27.662	51.2	21.392	.0	1491.9	28313.3	1.4
2030,0	2015.2	2.030	1.885	34.651	27.701	37.350	27.689	48.8	21.636	.0	1492.6	29329.3	.0

Station	65	Latitude	32° 15.	33'N	Longit	ide 127°	12.11'W	03	May 1991	GMT 13	:43	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	14.911 14.907 14.907 14.909 14.875 14.729 14.597 14.546 14.643	14.911 14.905 14.904 14.869 14.722 14.589 14.556 14.535 14.630	33.162 33.161 33.160 33.189 33.237 33.233 33.250 33.268 33.358	24.575 24.576 24.576 24.605 24.674 24.699 24.719 24.738 24.787	24.575 24.620 24.664 24.708 24.781 24.894 24.964 25.028 25.091 25.184	24.575 24.575 24.575 24.575 24.604 24.672 24.697 24.717 24.735 24.784	335.2 335.8 335.8 336.1 333.6 327.3 325.2 323.6 322.1 317.7	.000 .335 .671 1.007 1.343 1.672 1.998 2.323 2.645 2.966	0000000000	1504.9 1505.0 1505.2 1505.3 1505.4 1504.9 1505.0 1505.1 1505.7	.0 1.7 6.7 15.0 26.7 41.8 60.1 81.6 106.3 134.3	.0 2.1 .7 119.0 25.3 15.6 19.4 11.2 56.1
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.1	13.520 11.987 11.281 11.022 10.437 10.006 9.694 9.468 9.293 9.119	13.506 11.973 11.267 11.007 10.421 9.989 9.676 9.449 9.274 9.099	33.219 33.053 33.075 33.129 33.150 33.195 33.281 33.358 33.412 33.489	24.913 25.083 25.229 25.318 25.437 25.545 25.664 25.761 25.832 25.920	25.357 25.767 25.767 25.902 26.067 26.222 26.387 26.529 26.529 26.780	24.910 25.080 25.227 25.316 25.434 25.542 25.661 25.758 25.829 25.917	305.8 289.6 275.8 267.5 256.3 246.1 234.9 225.8 219.2	3.279 3.576 3.859 4.131 4.394 4.644 4.884 5.114 5.336 5.550	0000000000	1502.0 1496.8 1494.5 1493.8 1491.9 1490.5 1489.7 1489.7 1488.7	165.4 199.5 236.5 276.3 318.7 363.7 411.0 460.8 512.7 566.9	251.2 143.1 86.8 148.8 169.5 116.4 123.4 123.3 113.7 37.5
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.6 278.6 288.5	8.926 9.092 8.859 8.737 8.599 8.431 8.246 8.042 7.744	8.905 9.070 8.836 8.713 8.574 8.405 8.219 8.015 7.816 7.716	33.552 33.685 33.804 33.892 33.945 33.976 33.988 33.995 33.998	26.000 26.208 26.296 26.359 26.409 26.447 26.482 26.514 26.528	26.906 27.028 27.204 27.338 27.447 27.543 27.627 27.709 27.788 27.847	25.997 26.074 26.204 26.292 26.355 26.405 26.478 26.478 26.510 26.523	203.6 196.5 184.3 176.0 170.2 165.5 162.1 158.7 155.8 154.7	5.758 5.959 6.147 6.328 6.500 6.668 6.831 6.992 7.149 7.304	.00000000000000000000000000000000000000	1487.8 1488.8 1488.2 1488.0 1487.7 1487.3 1486.8 1486.2 1485.6 1485.4	623.1 681.3 741.5 803.5 867.2 932.6 999.7 1068.4 1138.6 1210.4	56.5 232.0 78.2 80.8 39.2 50.9 10.5 26.8 29.7
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	7.692 7.589 7.415 7.280 7.161 7.074 6.962 6.838 6.732 6.563	7.663 7.559 7.384 7.249 7.129 7.041 6.928 6.804 6.807 6.528	33.996 33.998 34.000 34.002 34.004 34.004 34.007 34.007 34.012	26.535 26.551 26.578 26.598 26.617 26.629 26.644 26.663 26.678 26.704	27.900 27.962 28.036 28.103 28.167 28.226 28.288 28.353 28.414 28.487	26.531 26.547 26.574 26.594 26.612 26.624 26.640 26.659 26.674 26.699	154.1 152.6 150.2 148.3 146.7 145.6 144.2 144.2 141.1	7.458 7.611 7.762 7.911 8.059 8.205 8.350 8.493 8.635 8.775		1485.3 1485.1 1484.6 1484.2 1483.9 1483.7 1483.5 1483.1 1482.9 1482.4	1283.7 1358.5 1434.8 1512.6 1591.9 1672.7 1754.9 1838.5 1923.5 2009.9	4.5 30.9 3.9 17.9 12.1 17.0 24.9 19.6 9.1 22.2
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.7 417.6 427.5 437.4 447.3 467.2 477.1 487.0	6.488 6.328 6.206 6.117 6.004 5.883 5.829 5.730 5.627 5.586	6.452 6.292 6.169 6.080 5.966 5.844 5.790 5.587 5.587	34.012 34.023 34.027 34.033 34.038 34.038 34.040 34.040 34.049	26.714 26.739 26.759 26.774 26.793 26.812 26.819 26.833 26.850 26.857	28.544 28.616 28.683 28.744 28.810 28.876 28.928 28.989 29.107	26.709 26.734 26.755 26.769 26.788 26.807 26.814 26.828 26.845 26.853	137.8 135.4 133.6 132.2 130.5 128.7 128.1 126.8 125.2 124.6	8.913 9.049 9.184 9.317 9.448 9.578 9.706 9.834 9.960 10.084	.00.00	1482.2 1481.8 1481.5 1481.3 1481.0 1480.7 1480.6 1480.4 1480.1	2097.7 2186.8 2277.3 2369.1 2462.2 2556.6 2652.2 2749.1 2847.3 2946.7	13.4 6.1 7.2 22.4 30.3 24.5 13.0 17.7 11.5
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.6 546.5 556.4 576.3 586.2	5.528 5.470 5.403 5.339 5.272 5.225 5.167 5.127 5.098 5.019	5.486 5.428 5.360 5.296 5.228 5.181 5.122 5.082 5.051 4.972	34.054 34.060 34.067 34.075 34.088 34.097 34.104 34.113 34.128 34.139	26.868 26.880 26.894 26.908 26.926 26.938 26.951 26.963 26.978 26.996	29.165 29.222 29.283 29.344 29.408 29.467 29.526 29.584 29.645 29.710	26.864 26.875 26.889 26.903 26.921 26.933 26.946 26.958 26.972 26.991	123.6 122.6 121.3 120.0 118.3 117.3 116.1 115.0 113.7	10.209 10.332 10.453 10.574 10.693 10.811 10.927 11.043 11.157 11.269	.00.00	1480.1 1480.0 1479.9 1479.8 1479.7 1479.6 1479.7 1479.7 1479.7	3047.4 3149.3 3252.3 3356.6 3462.1 3568.7 3676.4 3785.4 4006.6	22.1 12.1 11.2 21.5 22.7 12.1 11.5 30.8
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0 690.0	596.1 606.0 615.9 625.8 635.8 645.7 655.6 665.5 675.4 685.3	4.905 4.795 4.742 4.700 4.686 4.665 4.630 4.587 4.570	4.857 4.748 4.694 4.651 4.636 4.614 4.579 4.536 4.517 4.469	34.149 34.159 34.175 34.186 34.194 34.206 34.216 34.227 34.245 34.259	27.017 27.037 27.056 27.070 27.077 27.089 27.101 27.115 27.131 27.147	29.778 29.846 29.911 29.971 30.025 30.083 30.141 30.201 30.263 30.326	27.011 27.032 27.050 27.064 27.072 27.083 27.096 27.109 27.125 27.142	110.0 108.1 106.3 105.0 104.4 103.4 101.1 99.6 98.1	11.380 11.489 11.597 11.703 11.807 11.911 12.014 12.116 12.216 12.315	.00.00	1479.3 1479.0 1479.0 1479.0 1479.1 1479.2 1479.2 1479.2 1479.3 1479.3	4118.8 4232.2 4346.6 4462.1 4578.6 4696.1 4814.6 4934.2 5054.7 5176.2	12.1 16.8 17.3 20.6 5.9 13.0 11.5 23.8 28.2 10.9
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.476 4.445 4.419 4.403 4.377 4.354 4.321 4.321 4.308 4.282	4.422 4.391 4.364 4.321 4.2297 4.286 4.263 4.248 4.222	34.270 34.280 34.290 34.294 34.304 34.315 34.324 34.328 34.336 34.340	27.161 27.172 27.183 27.188 27.199 27.210 27.219 27.224 27.232 27.238	30.386 30.444 30.500 30.552 30.608 30.666 30.720 30.772 30.826 30.878	27.155 27.166 27.177 27.182 27.192 27.204 27.212 27.218 27.226 27.232	94.9 94.5 93.6 92.6 91.9 91.4 90.7	12.413 12.509 12.604 12.699 12.793 12.886 12.979 13.070 13.161 13.252	0000000000	1479.3 1479.4 1479.4 1479.5 1479.6 1479.7 1479.8 1479.9 1480.0 1480.1	5298.7 5422.2 5546.6 5671.9 5798.1 5925.3 6053.4 6182.3 6312.2 6443.0	15.6 8.9 8.3 15.9 1.6 11.5 7
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.281 4.252 4.221 4.190 4.129 4.111 4.084 4.054 4.038 4.009	4.220 4.191 4.159 4.127 4.066 4.047 4.020 3.989 3.972 3.942	34.359 34.366 34.370 34.372 34.378 34.381 34.389 34.396 34.402 34.404	27.253 27.262 27.269 27.273 27.285 27.289 27.298 27.307 27.314 27.318	30.939 30.994 31.047 31.097 31.156 31.206 31.261 31.316 31.369 31.420	27.247 27.256 27.262 27.267 27.278 27.282 27.291 27.300 27.307 27.311	88.9 88.1 87.5 87.1 86.0 85.7 84.9 84.1 83.5	13.342 13.430 13.518 13.605 13.692 13.778 13.863 13.948 14.031 14.115	.00000000000000000000000000000000000000	1480.3 1480.4 1480.4 1480.4 1480.4 1480.5 1480.5 1480.5	6574.7 6707.2 6840.6 6974.8 7110.0 7245.9 7382.7 7520.3 7658.8 7798.1	5.7 4.9 6.9 9.2 16.3 8.9 6.3
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	3.990 3.955 3.949 3.949 3.936 3.912 3.897 3.887 3.814 3.760	3.923 3.888 3.881 3.879 3.866 3.841 3.826 3.795 3.742 3.688	34.407 34.414 34.415 34.416 34.424 34.427 34.431 34.436 34.438 34.442	27.322 27.331 27.333 27.334 27.342 27.347 27.351 27.358 27.365 27.374	31.470 31.526 31.573 31.620 31.674 31.724 31.775 31.829 31.882 31.938	27.315 27.324 27.326 27.327 27.335 27.339 27.344 27.351 27.358 27.367	82.8 81.9 81.9 81.8 81.2 80.8 80.4 79.8 79.1	14.198 14.280 14.362 14.444 14.525 14.687 14.767 14.846 14.925	000000000000000000000000000000000000000	1480.8 1480.8 1480.9 1481.1 1481.2 1481.3 1481.4 1481.4 1481.4	7938.1 8079.0 8220.8 8363.3 8506.6 8650.7 8795.6 8941.3 9087.7 9235.0	5.1 2.5 7 9.8 -1.0 17.5 10.2 4.0 6.6 4.6

Station	65	Latitude	32' 15.	33'N	Longitu	de 127°	12.11'W	03	May 1991	GMT 1:	3:43	Bottom	2270 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t		Dyn.Ht	LTR	sv		N ²
ďb	m	•c	.c	0/00	kg/m ³	kg/m ³	kg/m ³	108m3/kg	J/kg	0/0	m/s	m ³ /s ²	10 ⁶ /s ²
1000.0	992.2	3.731	3.657	34.447	27.381	31,992	•						
1020.0	1011.9	3.708	3.633	34.457	27.392	32.093	27.374 27.384	77.6 76.7	15.002 15.157	.o .o	1481.4 1481.6	9383.0	14.0
1040.0 1060.0	1031.7	3.678	3.601	34.463	27.400	32.194	27.392	76.1	15.309	:6	1481.8	9681.2 9982.5	3.4 5.8
1080.0	1051.5 1071.3	3.650 3.593	3.572 3.514	34.469	27.407	32.293	27.400	75.4	15.461	.ŏ	1482.0	10286.8	11.4
1100.0	1091.0	3.530	3.450	34.473 34.480	27.416 27.428	32.395	27.408	74.6	15.611	.0	1482.1	10594.0	9.3
1120.0	1110.8	3.502	3,420	34.484	27.434	32.499 32.597	27.420 27.426	73.6 73.1	15.759	.0	1482.2	10904.1	4.3
1140.0	1130.6	3.466	3.383	34.489	27.442	32.697	27.434	72.4	15.906 16.051	.0	1482.4 1482.6	11217.1	6
1160.0 1180.0	1150.3	3.445	3.361	34.494	27.447	32.794	27.439	72.0	16.195	.ŏ	1482.9	11533.0 11851.7	11.7 3
	1170.1	3.402	3.317	34.498	27.455	32.894	27.447	71.3	16.338	.ŏ	1483.0	12173.2	2.6
1200.0	1189.9	3.378	3.291	34.501	27.460	32.991	27.452	70.9	16.481	^			
1220.0	1209.6	3.358	3.270	34.504	27.464	33.087	27.456	70.7	16.622	.0	1483.2 1483.5	12497.5 12824.5	3.2
1240.0	1229.4	3.290	3.201	34.510	27.475	33.191	27.467	69.6	16.762	.ŏ	1483.5	13154.3	7.6 3.8
1260.0 1280.0	1249.1 1268.9	3.270 3.227	3.180	34.515	27.481	33.289	27.473	69.1	16,901	.ŏ	1483.8	13486.9	4.7
1300.0	1288.7	3.201	3.135	34.521	27.490	33.390	27.481	68.3	17.038	.0	1484.0	13822.1	3.6
1320.0	1308.4	3.160	3.108 3.066	34.523 34.526	27.495	33.486	27.486	67.9	17.174	.0	1484.2	14160.0	. 9
1340.0	1328.2	3.108	3.012	34.529	27.500 27.508	33.584 33.684	27.492	67.4	17.310	.0	1484.3	14500.5	5.4
1360.0	1347.9	3.071	2.974	34.533	27.515	33.783	27.499 27.506	66.7	17.444	.0	1484.4	14843.7	4.2
1380.0	1367.6	3.041	2.943	34.536	27.520	33.880	27.511	66.1 65.6	17.576 17.708	٠.0	1484.6 1484.8	15189.4	7.4
1400.0	1387.4	3.008	2.908	34.539						.0	1404.0	15537.8	.7
1420.0	1407.1	2.961	2.861	34.543	27.526 27.533	33.978 34.078	27.517	65.1	17.839	-0	1485.0	15888.7	3.1
1440.0	1426.9	2.914	2.812	34.548	27.541	34.078	27.524 27.532	64.4	17.968	.0	1485.2	16242.1	11.6
1460.0	1446.6	2.888	2.785	34.550	27.545	34.274	27.532	63.6 63.3	18.096 18.223	٠٥.	1485.3	16598.0	2
1480.0	1466.3	2.851	2.747	34.553	27.551	34.372	27.542	62.7	18.349	.0	1485.5 1485.7	16956.4 17317.3	3.4
1500.0	1486.1	2.830	2.724	34.555	27.554	34.467	27.545	62.5	18.474	:ŏ	1485.9	17680.6	2.5 1.1
1520.0 1540.0	1505.8 1525.5	2.796	2.688	34.558	27.560	34.565	27.551	61.9	18.599	.ŏ	1486.1	18046.4	5.2
1560.0	1545.3	2.760 2.743	2.651 2.633	34.561	27.566	34.663	27.556	61.4	18.722	.ŏ	1486.3	18414.5	2.0
1580.0	1565.0	2.724	2.612	34.563 34.564	27.569 27.572	34.757	27.559	61.2	18.845	.0	1486.6	18785.0	7.0
						34.851	27.562	61.0	18.967	.0	1486.8	19158.0	6.4
1600.0 1620.0	1584.7	2.704	2.591	34.566	27.575	34.946	27.565	60.7	19.088	.0	1487.1	19533.2	3.8
1640.0	1604.4 1624.1	2.695	2.580	34.567	27.577	35.039	27.567	60.7	19.210	.ŏ	1487.4	19910.9	4.9
1660.0	1643.9	2.675 2.647	2.560 2.530	34.569 34.570	27.580	35.133	27.570	60.4	19.331	.0	1487.6	20290.9	2.3
1680.0	1663.6	2.622	2.503	34.570	27.584	35.229	27.574	60.1	19.451	.0	1487.8	20673.2	5.9
1700.0	1683.3	2.560	2.441	34.577	27.587 27.597	35.324	27.577	59.8	19.571	.0	1488.1	21057.9	5.0
1720.0	1703.0	2.545	2.424	34.580	27.601	35.426 35.521	27.587 27.590	58.7 58.5	19.689	.0	1488.1	21444.9	6
1740.0	1722.7	2.464	2.343	34.588	27.614	35.628	27.603	57.0	19.806 19.922	٠,٥	1488.4	21834.1	3.2
1760.0	1742.4	2.449	2.326	34.588	27.615	35.721	27.605	56.9	20.036	.0	1488.4 1488.7	22225.6 22619.4	.6 1.5
1780.0	1762.1	2.405	2.281	34.592	27.622	35.820	27.611	56.2	20.149	.ŏ	1488.8	23015.3	-1.4
1800.0	1781.8	2.363	2.238	34.596	27.628	35.919	27.618	55.5	20.261				
1820.0	1801.5	2.343	2.217	34.596	27.631	36.012	27.620	55.3	20.261	.0	1489.0 1489.2	23413.5 23813.7	4.5
1840.0 1860.0	1821.2	2.304	2.176	34.599	27.637	36.110	27.626	54.7	20.482	.ŏ	1489.4	24216.1	1.0 8.3
1880.0	1840.9 1860.6	2.272 2.246	2.143 2.116	34.602	27.642	36.207	27.631	54.2	20.591	.0	1489.6	24620.7	6.2
1900.0	1880.3	2.237	2.106	34.605 34.606	27.646	36.303	27.635	53.8	20.699	.0	1489.8	25027.3	1.9
1920.0	1900.0	2.174	2.042	34.611	27.647 27.657	36.395 36.498	27.637	53.7	20.807	.0	1490.1	25436.0	5.7
1940.0	1919.7	2.132	1.999	34.615	27.663	36.597	27.646 27.653	52.6 51.9	20.913 21.018	٠,٥	1490.2	25846.8	6.9
1960.0	1939.4	2.130	1.995	34.614	27.663	36.687	27.652	52.1	21.018	.0	1490.4 1490.7	26259.6	3.9
1980.0	1959.1	2.112	1.975	34.617	27.667	36.782	27.656		21.225	.ŏ	1490.9	26674.4 27091.3	2.5 .5
	1978.8	2.099	1.961	34.619	27.669	36.875	27.658						
	2028.0	2.092	1.949	34.620	27.671	37.102	27.660		21.329 21.587	.0	1491.2 1492.0	27510.1	3.1
	2077.1	2.070	1.924	34.622		37.331	27.663		21.845	.0	1492.8	28565.9 29634.1	-1.2 2.9
2104.0	2081.1	2.067	1.921	34.621	27.675	37.350	27.663	51.4	21.865	.ŏ	1492.8	29720.1	2.0

Station	66	Latitude	32' 16.	07'N	Longit	ude 127°	15.05'W	03	May 1991	GMT 16	:10	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	14.912 14.910 14.911 14.913 14.494 14.415 14.349 14.546 14.699	14.912 14.908 14.906 14.887 14.487 14.407 14.407 14.534 14.534	33.158 33.156 33.155 33.156 33.154 33.142 33.187 33.188 33.252 33.343	24.572 24.571 24.571 24.571 24.574 24.650 24.702 24.717 24.725 24.763	24.572 24.615 24.659 24.704 24.751 24.872 24.968 25.027 25.079 25.161	24.572 24.571 24.570 24.570 24.573 24.649 24.700 24.715 24.723 24.760	335.5 335.9 336.3 336.5 336.5 329.5 324.9 323.7 323.3 320.0	.000 .336 .672 1.008 1.345 1.678 2.004 2.329 2.652 2.974	00000000000	1504.9 1505.0 1505.2 1505.3 1505.4 1504.3 1504.3 1504.2 1505.1	.0 1.7 6.7 15.1 26.8 41.8 60.2 81.8 106.6 134.6	.0 .1 2.4 1.9 2.2 25.8 13.8 15.9 24.7 19.5
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.2	13.578 12.638 11.814 11.050 10.911 10.543 10.161 9.721 9.513 9.324	13.564 12.623 11.799 11.035 10.894 10.526 10.142 9.702 9.493 9.303	33.177 33.085 33.082 33.108 33.183 33.232 33.244 33.311 33.402 33.456	24.868 25.138 25.296 25.380 25.483 25.557 25.683 25.788 25.861	25.312 25.474 25.675 25.880 26.009 26.157 26.278 26.451 26.602 26.720	24.866 24.981 25.135 25.294 25.377 25.479 25.554 25.785 25.785 25.858	310.0 299.2 284.6 269.5 261.8 252.2 245.2 233.3 223.4 216.7	3.290 3.596 3.886 4.163 4.428 4.685 4.932 5.172 5.401 5.620	00000000000	1502.2 1499.0 1496.4 1493.9 1493.6 1492.5 1491.3 1490.0 1489.5 1489.0	165.8 200.1 237.3 277.4 320.1 365.5 413.3 463.6 516.2 571.0	48.2 203.0 112.3 75.0 41.9 152.8 52.0 143.6 138.0 63.6
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.099 8.954 8.879 8.8890 8.816 8.609 8.466 8.341 8.153 8.012	9.078 8.932 8.855 8.866 8.790 8.583 8.439 8.313 8.125 7.983	33.538 33.658 33.726 33.842 33.876 33.940 33.963 33.985 33.985 33.991	25.961 26.078 26.144 26.233 26.272 26.353 26.394 26.463 26.463 26.488	26.867 27.029 27.140 27.274 27.358 27.486 27.573 27.655 27.735 27.806	25.958 26.075 26.140 26.229 26.268 26.349 26.390 26.426 26.459 26.484	207.3 196.4 190.3 182.1 178.6 170.9 167.2 163.9 160.8 158.5	5.832 6.034 6.227 6.414 6.594 6.770 6.938 7.104 7.266 7.426	0000000000	1488.4 1488.2 1488.2 1488.5 1487.9 1487.6 1487.3 1486.8 1486.4	627.9 686.9 747.9 810.7 875.3 941.7 1009.8 1079.6 1150.9 1223.9	39.9 33.1 45.1 25.2 16.7 90.5 16.4 46.7 24.5
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.809 7.668 7.562 7.428 7.307 7.132 7.067 6.970 6.832 6.651	7.779 7.638 7.531 7.396 7.275 7.099 7.033 6.936 6.797 6.615	33.998 33.999 33.999 34.001 34.003 34.004 34.004 34.008 34.010	26.519 26.556 26.557 26.595 26.621 26.629 26.643 26.665 26.691	27.883 27.951 28.013 28.080 28.145 28.217 28.271 28.332 28.400 28.473	26.515 26.536 26.552 26.572 26.591 26.617 26.624 26.639 26.660 26.686	155.7 153.7 152.3 150.4 148.8 146.4 145.7 144.4 145.7	7.583 7.738 7.891 8.042 8.192 8.339 8.486 8.631 8.774 8.916	0000000000	1485.8 1485.4 1485.1 1484.8 1484.5 1484.0 1483.6 1483.6 1483.3 1482.7	1298.4 1374.5 1452.1 1531.2 1611.8 1693.9 1777.4 1862.4 1948.8 2036.6	39.4 18.9 22.4 34.1 23.5 6.5 27.0 24.7
400.0 410.0 420.0 430.0 440.0 450.0 460.0 480.0 490.0	397.8 407.7 417.6 427.5 437.4 447.4 457.3 467.2 477.1	6.516 6.368 6.226 6.143 6.010 5.870 5.805 5.717 5.632 5.559	6.480 6.331 6.189 6.106 5.972 5.831 5.766 5.677 5.592 5.518	34.012 34.022 34.024 34.028 34.033 34.035 34.042 34.045 34.061	26.711 26.738 26.758 26.772 26.792 26.809 26.819 26.836 26.836	28.540 28.614 28.681 28.742 28.809 28.873 28.930 28.992 29.120	26.706 26.733 26.753 26.767 26.805 26.815 26.831 26.844 26.865	138.1 135.6 133.7 132.5 130.6 128.9 128.0 126.5 125.3	9.055 9.192 9.326 9.459 9.591 9.721 9.849 9.977 10.103 10.227	0000000000	1482.4 1481.9 1481.5 1481.4 1481.0 1480.6 1480.5 1480.3 1480.2 1480.0	2125.8 2216.3 2308.2 2401.4 2495.9 2591.7 2688.8 2787.2 2886.8 2987.6	23.1 46.5 28.9 5.2 22.4 6.6 12.4 11.9 20.6
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	497.0 506.9 516.8 526.7 536.6 546.5 556.4 576.3 586.2	5.421 5.318 5.238 5.143 5.095 5.053 4.976 4.945 4.881	5.380 5.277 5.196 5.100 5.052 5.009 4.932 4.900 4.835 4.764	34.073 34.079 34.092 34.101 34.111 34.117 34.135 34.135 34.150 34.158	26.896 26.913 26.951 26.951 26.964 26.975 26.993 27.001 27.020 27.034	29.194 29.257 29.324 29.389 29.449 29.505 29.571 29.625 29.752	26.891 26.908 26.928 26.946 26.959 26.969 26.988 26.996 27.015 27.029	120.8 119.3 117.4 115.7 114.5 113.6 111.8 111.2 109.4	10.349 10.469 10.587 10.704 10.819 10.933 11.046 11.157 11.267 11.376		1479.7 1479.4 1479.3 1479.1 1479.0 1479.0 1478.9 1478.9 1478.9	3089.6 3192.9 3297.3 3402.9 3509.6 3617.4 3726.4 3836.4 3947.6 4059.8	34.9 17.4 18.5 15.6 9.4 12.4 22.6 14.1 18.2
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0	596.1 606.0 615.9 625.8 635.8 645.7 655.6 665.5 675.4 685.3	4.789 4.746 4.718 4.644 4.618 4.598 4.598 4.524 4.524	4.742 4.698 4.670 4.595 4.568 4.565 4.547 4.509 4.472 4.483	34.167 34.177 34.184 34.206 34.219 34.229 34.234 34.244 34.260 34.265	27.044 27.057 27.066 27.092 27.104 27.113 27.119 27.131 27.148 27.151	29.807 29.867 29.921 29.994 30.053 30.107 30.159 30.218 30.281 30.329	27.038 27.052 27.060 27.086 27.099 27.107 27.113 27.125 27.142 27.145	101.1 100.6 99.5 98.0	11.484 11.590 11.696 11.800 11.902 12.004 12.105 12.205 12.303 12.401	.00	1478.8 1478.8 1478.9 1478.8 1478.8 1479.0 1479.1 1479.1 1479.2 1479.4	4173.1 4287.5 4402.9 4519.3 4636.8 4755.2 4874.7 4995.1 5138.9	2.1 12.6 22.6 34.6 6.8 7.4 17.1 5.0 4.5 3.0
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.5	4.501 4.436 4.394 4.399 4.395 4.387 4.349 4.315 4.299 4.267	4.447 4.382 4.339 4.344 4.339 4.330 4.291 4.257 4.239 4.207	34.275 34.283 34.293 34.305 34.317 34.327 34.337 34.333 34.353	27.162 27.176 27.189 27.197 27.207 27.217 27.228 27.237 27.246 27.254	30.387 30.447 30.507 30.561 30.616 30.671 30.729 30.784 30.840 30.894	27.156 27.170 27.183 27.191 27.201 27.210 27.222 27.230 27.240 27.247	95.5 94.3 93.6 92.8 92.0 91.0 90.2 89.4	12.499 12.595 12.690 12.784 12.877 12.969 13.061 13.151 13.241 13.330	000000000000000000000000000000000000000	1479.4 1479.3 1479.3 1479.5 1479.7 1479.8 1479.9 1480.0 1480.0	5362.3 5486.5 5611.8 5737.9 5865.0 5993.0 6121.9 6251.7 6382.4 6513.9	12.4 13.3 4.8 7.1 10.1 5.4 5.1 16.2 11.0 8.9
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0 890.0	794.3 804.2 814.0 824.0 833.8 843.7 863.5 873.4 883.3	4.237 4.212 4.200 4.181 4.154 4.107 4.085 4.078 4.031 4.016	4.176 4.151 4.138 4.118 4.090 4.043 4.021 4.013 3.965 3.950	34.364 34.367 34.368 34.372 34.375 34.384 34.391 34.406 34.410 34.415	27.262 27.267 27.269 27.274 27.280 27.292 27.300 27.312 27.321 27.326	30.948 30.999 31.048 31.099 31.150 31.209 31.263 31.321 31.376 31.427	27.256 27.260 27.263 27.268 27.273 27.285 27.293 27.306 27.314 27.319	87.6 87.4 87.0 86.5 85.4 84.7 83.6 82.8	13.418 13.506 13.594 13.681 13.768 13.854 13.939 14.023 14.106 14.189	.00	1480.1 1480.3 1480.4 1480.4 1480.4 1480.5 1480.6 1480.6	6646.3 6779.6 6913.8 7048.8 7184.6 7321.3 7458.9 7597.3 7736.5	1.0 5.1 3.4 7.5 11.0 6.0
900.0 910.0 920.0 930.0 940.0 950.0 970.0 980.0 990.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	3.990 3.983 3.984 3.985 3.942 3.918 3.886 3.887 3.857	3.922 3.915 3.915 3.915 3.872 3.847 3.844 3.801 3.784 3.773	34.431 34.431 34.432 34.431 34.441 34.446 34.453 34.455 34.457	27.340 27.343 27.343 27.343 27.355 27.356 27.370 27.373 27.376 27.379	31.488 31.536 31.583 31.627 31.686 31.739 31.794 31.843 31.892 31.940	27.333 27.336 27.336 27.335 27.34 27.354 27.363 27.366 27.369 27.371	81.0 81.0 81.2 80.0 79.4 78.6 78.4	14.271 14.352 14.433 14.514 14.595 14.674 14.753 14.832 14.910 14.988	.00000000000000000000000000000000000000	1480.8 1480.9 1481.1 1481.3 1481.3 1481.4 1481.5 1481.6 1481.7	8017.3 8158.9 8301.3 8444.5 8588.5 8733.3 8878.9 9025.2 9172.3 9320.2	4.3 1 4 .8 11.3 9.0 4.9 2.0

Station	66	Latitude	32. 16.	07'N	Longitu	de 127°	15.05'W	03	May 1991	GMT 16	:10	Bottom :	1040 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m ³ /s ²	N ²
1000.0 1020.0 1040.0 1044.0	992.2 1011.9 1031.7 1035.7	3.837 3.790 3.723 3.691	3.763 3.714 3.646 3.614	34.461 34.467 34.472 34.474	27.382 27.391 27.402 27.407	31.989 32.091 32.195 32.219	27.374 27.384 27.394 27.399	77.8 76.9 76.0 75.4	15.066 15.222 15.375 15.405	.0	1481.8 1482.0 1482.0 1482.0	9468.8 9768.4 10070.9 10131.8	5.5 13.4 6.7

Station	67	Latitude	32. 16.	81'N	Longit	ude 127°	17.67'W	03	May 1991	GMT 17	:28	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.005 15.013 14.952 14.950 14.777 14.469 14.445 14.349 14.232 13.980	15.005 15.011 14.949 14.945 14.771 14.462 14.437 14.339 14.221 13.967	33.165 33.151 33.150 33.178 33.184 33.216 33.222 33.232 33.231	24.557 24.545 24.558 24.559 24.618 24.688 24.718 24.775 24.828	24.557 24.589 24.646 24.691 24.794 24.909 24.983 25.053 25.130 25.227	24.557 24.545 24.557 24.558 24.617 24.687 24.716 24.741 24.773 24.825	336.9 338.4 337.5 337.7 332.4 325.9 323.4 321.2 318.4 313.7	.000 .338 .675 1.013 1.350 1.679 2.003 2.325 2.645 2.961	0000000000	1505.2 1505.3 1505.4 1505.1 1504.3 1504.3 1504.0 1503.4	.0 1.7 6.7 15.1 26.9 42.0 60.3 81.9 106.6 134.6	27.9 -1.4 .1 139.8 22.0 26.1 29.3 29.9 9.1
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.1	12.983 12.252 11.959 10.924 10.478 10.531 10.160 9.715 9.291 9.011	12.970 12.237 11.944 10.908 10.462 10.513 10.141 9.696 9.271 8.991	33.134 33.142 33.178 33.156 33.185 33.262 33.319 33.364 33.469 33.597	24.954 25.102 25.185 25.357 25.457 25.508 25.616 25.616 25.877 26.022	25.399 25.722 25.722 25.941 26.087 26.183 26.337 26.493 26.691 26.882	24.951 25.099 25.183 25.354 25.454 25.505 25.613 25.722 25.874 26.019	301.8 287.8 280.1 263.8 254.4 249.8 239.6 239.6 215.0 201.3	3.271 3.565 3.848 4.119 4.378 4.629 4.873 5.108 5.331 5.539	00000000000	1500.1 1497.8 1497.0 1493.5 1492.1 1492.5 1491.4 1490.0 1488.7 1488.0	165.6 199.6 236.5 276.2 318.5 363.3 410.5 460.2 512.1 566.2	106.4 170.7 148.1 154.9 52.9 9.9 25.1 55.2 116.9
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.8 248.7 268.6 278.6 288.5	8.867 8.854 8.767 8.650 8.517 8.452 8.311 8.175 8.056 7.954	8.845 8.831 8.744 8.626 8.492 8.426 8.285 8.148 8.028 7.925	33.648 33.775 33.869 33.927 33.952 33.963 33.979 33.990 33.993	26.084 26.186 26.273 26.337 26.377 26.396 26.430 26.459 26.479 26.496	26.990 27.137 27.269 27.379 27.465 27.530 27.609 27.685 27.751 27.813	26.081 26.182 26.269 26.333 26.373 26.392 26.426 26.455 26.475 26.491	195.6 186.1 178.1 172.1 168.4 163.7 161.1 159.2 157.8	5.738 5.929 6.111 6.286 6.456 6.623 6.789 6.951 7.111	0000000000	1487.7 1488.0 1487.9 1487.7 1487.4 1487.0 1486.7 1486.4 1486.2	622.2 680.2 740.0 801.6 864.9 929.9 996.5 1064.8 1134.6 1206.1	94.0 99.6 53.6 60.0 33.1 18.7 46.8 25.4 11.9 15.1
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	7.791 7.564 7.388 7.304 7.203 7.051 6.860 6.720 6.534 6.420	7.761 7.534 7.357 7.273 7.170 7.018 6.827 6.686 6.500 6.385	33.997 34.001 34.001 34.005 34.007 34.007 34.011 34.012 34.015	26.521 26.557 26.583 26.594 26.611 26.634 26.661 26.682 26.708 26.725	27.886 27.969 28.041 28.098 28.162 28.231 28.305 28.373 28.373 28.373	26.517 26.553 26.578 26.590 26.607 26.630 26.656 26.677 26.704 26.721	155.4 152.1 149.7 148.7 147.2 145.0 142.6 138.1 136.5	7.427 7.580 7.731 7.880 8.028 8.174 8.318 8.459 8.599 8.736	00000000000	1485.7 1485.0 1484.5 1484.1 1483.6 1483.1 1482.1 1482.1	1279.0 1353.6 1429.6 1507.1 1586.1 1666.5 1748.4 1831.7 1916.3 2002.4	42.0 24.1 7.1 15.9 26.7 29.9 16.4 11.6 20.7
400.0 410.0 420.0 430.0 440.0 450.0 460.0 480.0 490.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1	6.271 6.107 6.052 5.923 5.846 5.823 5.712 5.602 5.508 5.369	6.236 6.072 6.016 5.886 5.808 5.785 5.674 5.562 5.468 5.329	34.020 34.030 34.031 34.038 34.045 34.048 34.053 34.061 34.067 34.085	26.748 26.777 26.785 26.807 26.822 26.827 26.845 26.865 26.881 26.912	28.580 28.656 28.710 28.779 28.841 28.892 28.956 29.023 29.025	26.744 26.773 26.780 26.802 26.817 26.823 26.840 26.860 26.876 26.907	134.4 131.6 131.0 128.9 127.5 127.1 125.5 123.6 122.2 119.2	8.871 9.005 9.136 9.266 9.394 9.522 9.648 9.773 9.895 10.016	00000000000	1481.4 1480.9 1480.5 1480.4 1480.4 1480.2 1479.7 1479.7	2089.7 2178.4 2268.5 2359.8 2452.3 2546.2 2641.3 2737.6 2835.2 2933.9	17.2 28.0 15.4 21.2 8.3 13.3 29.1 24.4 25.0
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	496.9 506.9 516.8 526.7 536.6 546.5 556.4 566.3 576.3	5.318 5.264 5.237 5.174 5.109 5.058 5.003 4.895 4.808 4.761	5.277 5.222 5.195 5.131 5.065 5.014 4.958 4.850 4.763 4.715	34.091 34.099 34.103 34.113 34.120 34.125 34.137 34.148 34.148 34.174	26.923 26.935 26.942 26.957 26.970 26.980 26.996 27.017 27.036 27.052	29.221 29.280 29.333 29.395 29.454 29.511 29.573 29.642 29.707 29.770	26.918 26.930 26.937 26.952 26.965 26.975 26.991 27.012 27.031 27.047	118.2 117.1 116.6 115.2 114.0 113.1 111.6 109.6 107.8	10.135 10.252 10.369 10.485 10.600 10.713 10.826 10.936 11.045 11.152	0000000000	1479.3 1479.2 1479.3 1479.2 1479.1 1479.1 1479.0 1478.8 1478.6	3033.8 3134.9 3237.2 3340.6 3445.1 3550.8 3657.6 3765.5 3874.4 3984.5	20.3 11.5 20.3 29.6 13.2 8.0 15.3 22.3 16.4
600.0 610.0 620.0 630.0 640.0 650.0 660.0 680.0 690.0	596.1 606.0 615.9 625.8 635.7 645.7 655.6 665.5 675.4 685.3	4.742 4.679 4.655 4.645 4.636 4.513 4.589 4.564 4.526 4.521	4.695 4.631 4.607 4.596 4.587 4.563 4.538 4.513 4.474 4.458	34.181 34.204 34.213 34.217 34.224 34.237 34.246 34.254 34.262	27.060 27.073 27.088 27.097 27.101 27.110 27.122 27.132 27.143 27.151	29.824 29.985 29.945 29.999 30.049 30.104 30.163 30.219 30.275 30.330	27.055 27.068 27.083 27.092 27.096 27.104 27.117 27.126 27.137 27.145	105.6 104.5 103.1 102.4 102.1 101.4 100.2 98.5 97.7	11.258 11.363 11.467 11.570 11.672 11.774 11.875 11.974 12.073 12.172		1478.7 1478.6 1478.7 1478.8 1478.9 1479.0 1479.1 1479.2 1479.2	4095.5 4207.6 4320.8 4434.9 4566.3 4783.4 4901.6 5020.7 5140.8	7.7 12.0 8.8 4.1 5.9 7.1 25.8 5.3 12.7
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.485 4.470 4.439 4.411 4.387 4.374 4.380 4.385 4.335 4.308	4.431 4.415 4.384 4.355 4.331 4.322 4.326 4.275 4.247	34.275 34.280 34.288 34.299 34.311 34.317 34.322 34.333 34.342 34.352	27.164 27.170 27.180 27.191 27.203 27.210 27.213 27.221 27.234 27.244	30.389 30.441 30.497 30.554 30.665 30.714 30.768 30.827 30.884	27.158 27.164 27.174 27.185 27.197 27.204 27.207 27.215 27.227 27.238	96.6 96.1 95.3 94.2 93.2 92.6 92.6 91.8 90.6 89.7	12.269 12.365 12.461 12.556 12.650 12.743 12.835 12.927 13.019 13.109	.00000000000000000000000000000000000000	1479.4 1479.5 1479.5 1479.6 1479.7 1479.8 1480.0 1480.2 1480.1 1480.2	5261.9 5383.9 5506.9 5630.8 5755.6 5881.4 6008.0 6135.6 6264.0 6393.4	11.2 11.8 1.0 10.9 4.5 2.4 4.8 11.6 11.0
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.265 4.232 4.210 4.176 4.126 4.157 4.129 4.140 4.120 4.080	4.204 4.171 4.148 4.114 4.063 4.092 4.064 4.074 4.054	34.357 34.360 34.364 34.376 34.385 34.404 34.412 34.422 34.422 34.424	27.253 27.260 27.265 27.278 27.291 27.302 27.312 27.319 27.323 27.330	30.939 30.992 31.043 31.103 31.162 31.218 31.274 31.326 31.376 31.430	27.247 27.253 27.258 27.272 27.284 27.296 27.306 27.312 27.316 27.323	88.9 88.3 87.9 86.6 85.4 84.5 83.2 82.8 82.8	13.198 13.287 13.375 13.462 13.548 13.633 13.717 13.800 13.883 13.966	.00000000000000000000000000000000000000	1480.2 1480.3 1480.3 1480.3 1480.6 1480.7 1480.9 1481.0	6523.6 6654.8 6786.7 6919.6 7053.3 7187.8 7323.1 7459.3 7596.3 7734.1	18.0 3.4 6.0 14.8 10.4 9.2 5.7 6.9 9.0 2.8
900.0 910.0 920.0 930.0 940.0 950.0 960.0 980.0 990.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.050 3.992 3.963 3.943 3.905 3.893 3.870 3.847 3.830 3.807	3.982 3.924 3.894 3.873 3.835 3.822 3.799 3.775 3.757	34.432 34.433 34.442 34.441 34.452 34.457 34.460 34.462 34.464	27.337 27.343 27.350 27.355 27.358 27.369 27.375 27.380 27.383 27.383	31.483 31.537 31.590 31.641 31.691 31.747 31.799 31.850 31.899 31.950	27.330 27.336 27.343 27.348 27.351 27.361 27.367 27.372 27.372	81.6 80.9 80.3 79.9 79.6 78.7 78.2 77.7 77.5	14.048 14.129 14.209 14.290 14.369 14.448 14.527 14.605 14.605		1481.0 1481.0 1481.1 1481.1 1481.2 1481.3 1481.4 1481.5	7872.7 8012.1 8152.3 8293.3 8435.1 8577.7 8721.0 8865.1 9009.9 9155.5	11.9 13.4 4.6 9.3 9.6 3.4 5.5 3.6

Station	67	Latitude	32° 16.	81'N	Longitu	de 127°	17.67'W	03	May 1991	GMT 17	:28	Bottom	2330 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn.#t	LTR	sv	TP	N ²
db	m	•c	.c	0/00	kg/m ³	kg/m ³	kg/m ³	$10^8 m^3/kg$	J/kg	0/0	m/s	m ³ /s ²	10 ⁶ /s ²
1000.0	992.1	3.789	3.715	34.468	27.392	32.001	27.385	76.7	14.837	.0	1481.6	9301.9	13.1
1020.0 1040.0	1011.9	3.714	3.639	34.477	27.406	32.108	27.399	75.4	14.989	.0	1481.7	9596.9	8.1
1060.0	1031.7 1051.5	3.665 3.586	3.588 3.508	34.480	27.414	32.208	27.407	74.7	15.139	.0	1481.8	9894.8	4.0
1080.0	1071.3	3.574	3.495	34.485 34.490	27.426 27.431	32.313	27.418	73.6	15.287	.0	1481.8	10195.6	10.5
1100.0	1091.0	3.496	3.416	34.499	27.446	32.410 32.518	27.423 27.438	73.2 71.8	15.434 15.579	.0	1482.1 1482.1	10499.4 10806.0	6.4
1120.0	1110.8	3.445	3.364	34.504	27.455	32.620	27.447	70.9	15.722	.ŏ	1482.2	11115.4	7.9 8.7
1140.0	1130.6	3.399	3.317	34.507	27.462	32.719	27.454	70.3	15.864	.ŏ	1482.4	11427.6	4.1
1160.0 1180.0	1150.3 1170.1	3.374	3.290	34.509	27.466	32.815	27.458	70.0	16.004	.0	1482.6	11742.5	1.7
-		3.332	3.247	34.514	27.475	32.916	27.466	69.3	16.144	.0	1482.7	12060.2	2.9
1200.0	1189.8	3.292	3.206	34.517	27.480	33.014	27.472	68.8	16.282	.0	1482.9	12380.6	4.1
1220.0 1240.0	1209.6 1229.4	3.264 3.220	3.176	34.520	27.486	33.111	27.477	68.4	16.419	.0	1483.1	12703.7	1.8
1260.0	1249.1	3.194	3.132 3.103	34.523 34.525	27.492 27.497	33.210	27.484	67.8	16.555	.0	1483.3	13029.4	4.1
1280.0	1268.9	3.137	3.046	34.530	27.506	33.306 33.408	27.488 27.497	67.5 66.6	16.690 16.825	.0	1483.5 1483.6	13357.8 13688.8	.0 3.8
1300.0	1288.6	3.110	3.017	34.533	27.511	33.505	27.502	66.1	16.957	٠ŏ	1483.8	14022.5	3.0
1320.0	1308.4	3.081	2.987	34.535	27.515	33.601	27.506	65.8	17.089	.ŏ	1484.0	14358.7	2.4
1340.0 1360.0	1328.1 1347.9	3.045	2.949	34.538	27.521	33.700	27.513	65.2	17.220	.0	1484.2	14697.4	2
1380.0	1367.6	3.038 3.013	2.941 2.915	34.539 34.541	27.523 27.527	33.792	27.514	65.2	17.351	٠.	1484.5	15038.8	2.4
						33.888	27.518	64.9	17.481	.0	1484.7	15382.6	3.0
1400.0 1420.0	1387.4	2.970	2.871	34.545	27.534	33.987	27.525	64.2	17.610	.0	1484.9	15729.0	7.1
1440.0	1407.1 1426.8	2.927 2.890	2.826 2.788	34.547	27.539	34.085	27.530	63.7	17.738	.0	1485.0	16077.9	. 4
1460.0	1446.6	2.866	2.763	34.549 34.552	27.544 27.549	34.182 34.279	27.535	63.3	17.865	.0	1485.2	16429.3	2.8
1480.0	1466.3	2.844	2.740	34.555	27.553	34.279	27.540 27.544	62.9 62.5	17.991 18.116	٠,٥	1485.4	16783.1	3.4
1500.0	1486.0	2.814	2.708	34.557	27.557	34.471	27.548	62.2	18.241	.0	1485.7 1485.9	17139.4 17498.1	1 .5
1520.0	1505.8	2.767	2.661	34.562	27.566	34.572	27.557	61.3	18.365	.ŏ	1486.0	17859.2	6.6
1540.0	1525.5	2.733	2.625	34.564	27.571	34.669	27.561	60.9	18,487	.ŏ	1486.2	18222.7	.2
1560.0 1580.0	1545.2 1564.9	2.704	2.595	34.567	27.575	34.765	27.566	60.5	18.608	.0	1486.4	18588.6	6.9
		2.687	2.576	34.567	27.577	34.858	27.568	60.3	18.729	.0	1486.7	18956.8	2.9
1600.0	1584.7	2.638	2.526	34.571	27.585	34.959	27.575	59.5	18.849	.0	1486.8	19327.4	5.5
1620.0 1640.0	1604.4	2.633	2.520	34.572	27.586	35.050	27.576	59.6	18.968	.0	1487.1	19700.3	.8
1660.0	1624.1 1643.8	2.624 2.602	2.509 2.486	34.573	27.588	35.143	27.578	59.5	19.087	.0	1487.4	20075.5	3
1680.0	1663.5	2.554	2.437	34.575 34.580	27.592 27.600	35.238 35.339	27.581 27.590	59.2	19.206	٠.0	1487.7	20453.0	6.4
1700.0	1683.3	2,519	2.400	34.582	27.604	35.436	27.594	58.4 57.9	19.323 19.439	.0	1487.8 1488.0	20832.8 21214.9	7.9 -1.2
1720.0	1703.0	2.499	2.379	34.584	27.607	35.530	27.597	57.6	19.555	.ŏ	1488.2	21599.2	5.9
1740.0	1722.7	2.460	2.339	34.588	27.614	35.629	27.604	57.0	19.669	.ŏ	1488.4	21985.8	
1760.0 1780.0	1742.4 1762.1	2.443 2.425	2.320	34.589	27.616	35.722	27.606	56.8	19.783	.0	1488.7	22374.5	-1.1
			2.300	34.590	27.619	35.816	27.609	56.5	19.896	.0	1488.9	22765.5	4.2
1800.0 1820.0	1781.8	2.420	2.294	34.591	27.620	35.908	27.610	56.5	20.009	.0	1489.2	23158.6	-1.4
1840.0	1801.5 1821.2	2.332 2.345	2.206 2.217	34.599 34.597	27.634	36.016	27.624	55.0	20.121	.0	1489.2	23553.9	.7
1860.0	1840.9	2.344	2.214	34.597	27.632 27.631	36.104 36.193	27.621	55.3	20.231	.0	1489.6	23951.4	3.6
1880.0	1860.6	2.270	2.140	34.605	27.644	36.300	27.621 27.633	55.5 54.1	20.342 20.452	.0	1489.9 1489.9	24351.0	8
1900.0	1880.3	2.238	2.106	34.606	27.648	36.395	27.637	53.7	20.559	.0	1489.9	24752.7 25156.6	7.1 5
1920.0	1900.0	2.239	2.106	34.606	27.648	36.485	27.637	53.8	20.667	.ŏ	1490.5	25562.5	4
1940.0 1960.0	1919.7 1939.3	2.206 2.185	2.072	34.612	27.655	36.584	27.644	53.1	20.774	٠.0	1490.7	25970.5	13.6
1980.0	1959.0	2.185	2.049 2.037	34.612 34.612	27.657 27.658	36.678 36.769	27.646	52.9	20.880	٠ŏ	1490.9	26380.5	2.8
	-						27.647	52.8	20.985	.0	1491.2	26792.6	7
2000.0 2050.0	1978.7 2027.9	2.156 2.110	2.017	34.614	27.661	36.863	27.650	52.6	21.091	.0	1491.5	27206.7	1
2096.0	2073.2	2.057	1.968 1.911	34.618 34.623	27.668 27.677	37.098 37.316	27.657	51.9	21.352	.0	1492.1	28250.9	3.2
					~ 1.011	21.210	27.665	51.1	21.588	.0	1492.7	29222.6	.0

Station	68	Latitude	32° 18.	24'N	Longit	ude 127°	22.20'W	03	May 1991	GMT 19):17	Bottom	4000 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma -0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.072 15.043 15.028 15.021 14.939 14.456 14.458 14.390 14.272 14.159	15.072 15.041 15.025 15.016 14.933 14.449 14.380 14.260 14.146	33.174 33.173 33.175 33.187 33.188 33.185 33.185 33.195 33.201 33.205	24.550 24.556 24.559 24.562 24.590 24.690 24.691 24.714 24.743 24.771	24.550 24.600 24.647 24.695 24.766 24.912 24.957 25.024 25.097 25.169	24.550 24.556 24.558 24.561 24.589 24.689 24.689 24.712 24.741 24.768	337.6 337.3 337.4 337.3 335.0 325.7 325.9 324.0 321.5 319.2	.000 .338 .675 1.012 1.349 1.678 2.004 2.329 2.652 2.972	0000000000	1505.4 1505.6 1505.6 1505.7 1505.6 1504.2 1504.4 1504.1 1503.9	1.7 6.7 15.1 26.9 42.0 60.3 81.9 106.7 134.7	.0 3.6 2.8 16.5 66.9 2 11.5 15.0 38.1 48.1
100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2	13.804 12.803 12.022 10.723 10.198 10.187 9.609 9.567 9.231 9.071	13.790 12.789 12.007 10.708 10.182 10.170 9.592 9.548 9.212 9.051	33.184 33.114 33.075 33.125 33.143 33.335 33.312 33.439 33.482 33.593	24.828 24.975 25.093 25.367 25.472 25.624 25.702 25.809 25.896 26.009	25.271 25.465 25.630 25.952 26.103 26.425 26.577 26.711 26.869	24.825 24.972 25.090 25.365 25.469 25.699 25.893 26.006	313.9 300.1 288.8 262.7 252.9 238.7 231.3 221.3 213.1 202.6	3.289 3.598 3.895 4.168 4.425 4.671 4.904 5.131 5.349 5.556	00000000000	1502.9 1499.6 1497.1 1492.7 1491.0 1489.4 1489.6 1488.5 1488.2	165.9 200.2 237.5 277.6 320.4 365.6 413.3 463.2 515.3 569.5	41.3 184.9 318.5 183.6 121.7 181.5 32.3 85.3 70.3 119.8
200.0 210.0 220.0 230.0 240.0 250.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.8 248.8 258.7 268.6 278.6 288.5	8.878 8.773 8.754 8.686 8.541 8.405 8.205 8.035 7.918 7.709	8.856 8.751 8.731 8.662 8.516 8.379 8.179 8.008 7.890 7.680	33.670 33.752 33.857 33.924 33.949 33.974 33.992 33.996 33.996	26.099 26.181 26.266 26.329 26.371 26.411 26.456 26.485 26.502 26.535	27.005 27.132 27.263 27.371 27.459 27.545 27.636 27.711 27.774 27.855	26.096 26.177 26.262 26.325 26.367 26.452 26.452 26.497 26.531	194.1 186.6 178.7 172.9 169.1 165.3 161.2 158.5 157.1 153.9	5.754 5.943 6.126 6.302 6.472 6.639 6.803 6.962 7.120 7.275	0000000000	1487.8 1487.7 1487.9 1487.9 1487.2 1487.2 1486.6 1486.1 1485.9 1485.2	625.7 683.9 743.8 805.6 869.1 934.2 1001.0 1069.3 1139.3 1210.8	128.0 68.5 98.4 35.4 43.0 25.4 16.3 41.5 18.3
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.4 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	7.558 7.384 7.320 7.147 6.986 6.883 6.684 6.550 6.497 6.364	7.529 7.354 7.290 7.116 6.955 6.851 6.651 6.516 6.464 6.330	34.000 34.002 34.004 34.004 34.003 34.006 34.008 34.023 34.024	26.557 26.582 26.593 26.618 26.640 26.654 26.703 26.721 26.739	27.923 27.995 28.051 28.123 28.192 28.252 28.329 28.395 28.460 28.524	26.553 26.578 26.588 26.614 26.636 26.650 26.679 26.698 26.717 26.735	151.9 149.6 148.7 146.4 144.3 143.1 140.3 138.5 136.8 135.2	7.428 7.579 7.728 7.876 8.021 8.165 8.307 8.446 8.584 8.720	0000000000	1484.8 1484.3 1484.2 1483.7 1483.0 1482.4 1482.0 1482.0 1482.0	1283.8 1358.3 1434.3 1511.8 1590.7 1671.1 1752.8 1836.0 1920.5 2006.4	26.8 17.1 3.9 38.7 22.0 23.7 35.1 23.4 15.5 33.3
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0 490.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1 487.0	6.208 6.121 6.046 5.943 5.873 5.781 5.690 5.644 5.538 5.445	6.173 6.085 6.010 5.906 5.835 5.743 5.652 5.605 5.498 5.405	34.024 34.026 34.029 34.033 34.038 34.047 34.051 34.057 34.064 34.072	26.760 26.772 26.785 26.800 26.813 26.831 26.836 26.857 26.875 26.893	28.592 28.651 28.710 28.772 28.831 28.896 28.958 29.014 29.080 29.144	26.755 26.768 26.780 26.796 26.809 26.827 26.841 26.852 26.870 26.888	133.2 132.1 131.0 129.5 128.4 126.7 125.4 124.4 122.7 121.1	8.854 8.987 9.118 9.249 9.377 9.505 9.631 9.756 9.880 10.002	0000000000	1481.1 1481.0 1480.8 1480.6 1480.5 1480.3 1480.1 1480.1 1479.8 1479.6	2093.6 2182.1 2272.0 2363.1 2455.5 2549.2 2644.1 2740.3 2837.7 2936.3	20.7 9.8 14.8 13.0 11.0 27.4 3.1 19.2 17.7 15.6
500.0 510.0 520.0 530.0 540.0 550.0 560.0 580.0 590.0	496.9 506.9 516.8 526.7 536.6 546.5 556.4 566.3 576.3	5.356 5.286 5.238 5.188 5.125 5.116 5.075 5.015 4.976 4.875	5.315 5.245 5.196 5.146 5.081 5.072 5.030 4.970 4.930 4.828	34.089 34.098 34.105 34.120 34.133 34.155 34.165 34.174 34.189	26.911 26.924 26.937 26.949 26.969 26.980 27.002 27.017 27.029 27.052	29.209 29.269 29.328 29.387 29.453 29.510 29.578 29.639 29.698 29.768	26.906 26.920 26.932 26.944 26.964 26.975 26.997 27.012 27.024	119.3 118.1 117.0 115.9 114.1 113.2 111.2 109.8 108.7 106.5	10.122 10.240 10.358 10.474 10.590 10.703 10.816 10.926 11.035 11.143	.00000000000000000000000000000000000000	1479.4 1479.3 1479.3 1479.2 1479.3 1479.3 1479.3 1479.3 1479.3	3036.1 3137.0 3239.2 3342.5 3552.5 3659.2 3766.9 3875.8 3985.7	7.4 11.2 8.6 9.7 24.7 9.2 16.8 26.7 4.2 15.3
600.0 610.0 620.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.7 645.7 655.5 665.5 675.4 685.3	4.791 4.768 4.668 4.646 4.593 4.569 4.567 4.560 4.532 4.555	4.744 4.720 4.619 4.597 4.543 4.519 4.516 4.508 4.480 4.501	34.197 34.206 34.210 34.217 34.227 34.238 34.248 34.252 34.264 34.282	27.068 27.078 27.092 27.100 27.114 27.125 27.133 27.137 27.150 27.162	29.831 29.887 29.948 30.002 30.063 30.121 30.174 30.223 30.283 30.340	27.063 27.072 27.086 27.095 27.108 27.120 27.128 27.131 27.145 27.156	105.0 104.2 102.8 102.1 100.9 99.8 99.2 98.9 97.8 96.8	11.248 11.353 11.457 11.559 11.661 11.761 11.861 11.960 12.058 12.155	.00000000000000000000000000000000000000	1478.9 1479.0 1478.7 1478.8 1478.8 1478.8 1479.0 1479.1 1479.2 1479.5	4096.7 4208.7 4321.8 4435.8 4550.9 4666.9 4783.9 4902.0 5020.9 5140.9	7.7 13.2 10.6 5.9 8.8 3.3 4.5 13.8 10.9
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.533 4.470 4.445 4.402 4.366 4.350 4.311 4.306 4.275 4.261	4.479 4.415 4.390 4.346 4.310 4.292 4.253 4.248 4.215 4.201	34.289 34.304 34.306 34.314 34.326 34.331 34.341 34.348 34.357 34.359	27.170 27.189 27.193 27.204 27.218 27.223 27.236 27.242 27.252 27.255	30.394 30.460 30.510 30.567 30.628 30.679 30.738 30.790 30.847 30.895	27.164 27.183 27.187 27.198 27.212 27.217 27.230 27.236 27.246 27.249	96.1 94.3 94.0 93.0 91.8 91.3 90.2 89.7 88.7 88.6	12.252 12.347 12.441 12.534 12.627 12.718 12.809 12.899 12.988 13.077	000000000000000000000000000000000000000	1479.6 1479.5 1479.6 1479.6 1479.6 1479.7 1479.7 1479.9 1479.9	5261.8 5383.6 5506.4 5630.1 5754.7 5880.2 6006.6 6133.9 6262.0 6391.1	12.7 3.6 4.8 4.8 8.9 17.7 3.3 7.7 17.1
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.209 4.195 4.193 4.167 4.151 4.123 4.086 4.072 4.052 4.035	4.149 4.134 4.131 4.104 4.088 4.059 4.022 4.006 3.986 3.986	34.370 34.386 34.389 34.396 34.400 34.405 34.412 34.417 34.417	27.269 27.284 27.286 27.295 27.300 27.307 27.316 27.319 27.324 27.329	30.956 31.017 31.065 31.120 31.170 31.224 31.279 31.329 31.379 31.430	27.263 27.277 27.280 27.288 27.293 27.300 27.309 27.313 27.317 27.322	87.2 85.9 85.8 85.0 84.7 84.0 83.2 83.0 82.6	13.165 13.251 13.337 13.422 13.507 13.592 13.675 13.758 13.841 13.924	0000000000	1480.0 1480.1 1480.3 1480.3 1480.4 1480.5 1480.5 1480.6 1480.7 1480.8	6521.0 6651.8 6783.4 6915.8 7049.1 7183.2 7318.2 7453.9 7590.5 7727.9	11.2 8.3 4.8 6.0 2.5 11.3 3.7 3.1
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.3 982.2	4.010 4.003 3.977 3.954 3.924 3.917 3.901 3.862 3.853 3.820	3.943 3.935 3.985 3.885 3.854 3.830 3.790 3.780 3.747	34.426 34.429 34.435 34.437 34.438 34.446 34.450 34.452 34.457 34.457	27.336 27.339 27.346 27.350 27.354 27.361 27.362 27.372 27.376 27.376	31.483 31.532 31.585 31.635 31.636 31.739 31.790 31.842 31.892 31.949	27.329 27.332 27.339 27.343 27.347 27.354 27.359 27.365 27.369 27.379	81.6 81.4 80.7 80.4 80.0 79.4 79.0 78.5 78.1	14.005 14.087 14.168 14.249 14.329 14.409 14.488 14.566 14.645 14.723	0000000000	1480.9 1481.0 1481.1 1481.1 1481.2 1481.3 1481.4 1481.6 1481.6	7866.1 8005.1 8144.9 8285.5 8426.8 8569.0 8711.9 8855.6 9000.1 9145.3	9.8 1.9 9.6 8.4 8.1 7.2 4.0 8.1

Station	68	Latitude	32° 18.	24'N	Longitu	ide 127°	22.20'W	03	May 1991	GMT 19	:17	Bottom	4000 m
Pres. db	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn.Ht	LTR	sv	TF	N ²
	m	•c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	j J/kg	0/0	m/s	m ³ /s ²	10 ⁶ /s ²
1000.0	992.1	3.798	3.724	34.467	27.391	31.999	27.383	76.9	14.800	.0	1481.7	9291.3	2.3
1020.0 1040.0	1011.9 1031.7	3.743 3.688	3.668	34.474	27.402	32.103	27.394	75.9	14.953	.0	1481.8	9585.6	5.8
1060.0	1051.5	3.637	3.612 3.559	34.481 34.482	27.412 27.418	32.206	27.405	74.9	15.104	.0	1481.9	9882.8	8.1
1080.0	1071.2	3.580	3.501	34.484	27.418	32.304 32.405	27.411 27.418	74.4 73.7	15.253 15.401	٠,	1482.0	10183.0	3.5
1100.0	1091.0	3.566	3.485	34.490	27.432	32.502	27.424	73.3	15.548	.0 .0	1482.1 1482.4	10486.0 10792.0	9 2.3
1120.0	1110.8	3.517	3.436	34.496	27.441	32.604	27.434	72.4	15.693	.ŏ	1482.5	11100.8	3.2
1140.0 1160.0	1130.6 1150.3	3.435 3.397	3.352	34.501	27.454	32.710	27.446	71.2	15.837	.0	1482.5	11412.5	6.1
1180.0	1170.1	3.377	3.313 3.292	34.506 34.505	27.461 27.463	32.810	27.453	70.6	15.979	.0	1482.7	11726.9	5.0
_						32.903	27.455	70.5	16.120	.0	1482.9	12044.1	2.9
1200.0 1220.0	1189.8 1209.6	3.333	3.247 3.197	34.511	27.472	33.005	27.464	69.7	16.260	.0	1483.1	12364.0	11.1
1240.0	1229.4	3.285	3.197	34.516 34.519	27.480	33.105	27.472	68.9	16.399	.0	1483,2	12686.7	6.2
1260.0	1249.1	3.253 3.210	3.119	34.523	27.486 27.493	33.203 33.303	27.478 27.485	68.5	16.536	٠٥.	1483.4	13012.1	4.7
1280.0	1268.9	3.160	3.068	34.529	27.503	33.405	27.494	67.8 66.9	16.672 16.807	.0	1483.6 1483.7	13340.1 13670.8	1.5
1300.0	1288.6	3.127	3.034	34.531	27.508	33.502	27.499	66.5	16.940	.ŏ	1483.9	14004.1	5.0 8
1320.0 1340.0	1308.4 1328.1	3.095	3.000	34.535	27.514	33.599	27.505	66.0	17.073	.0	1484.1	14339.9	1.2
1360.0	1347.9	3.050 3.012	2.955 2.915	34.536 34.538	27.519	33.697	27.510	65.5	17.204	.0	1484.2	14678.4	2.7
1380.0	1367.6	2.984	2.886	34.541	27.524 27.529	33.794 33.891	27.515 27.520	65.0 64.6	17.335 17.464	.0	1484.4	15019.4	6.8
1400.0	1387.3	2.955								.0	1484.6	15362.9	3.6
1420.0	1407.1	2.905	2.856 2.805	34.544 34.549	27.534 27.542	33.989	27.525	64.1	17.593 17.720	٠.0	1484.8	15709.0	.1
1440.0	1426.8	2.887	2.786	34.551	27.542	34.089 34.184	27.533 27.537	63.3 63.1	17.720 17.847	.0	1484.9	16057.5	1.9
1460.0	1446.6	2.860	2.757	34.553	27.550	34.280	27.541	62.7	17.973	.0	1485.2 1485.4	16408.5 16762.0	2.2
1480.0	1466.3	2.833	2.729	34.556	27.555	34.377	27.545	62.3	18.098	.ŏ	1485.6	17117.9	-: <u>1</u>
1500.0	1486.0	2.805	2.699	34.559	27.560	34.474	27.551	61.9	18.222	.0	1485.8	17476.3	3.i
1520.0 1540.0	1505.8 1525.5	2.785	2.678	34.561	27.563	34.568	27.554	61.6	18.346	.0	1486.1	17837.0	2.5
1560.0	1545.2	2.737 2.701	2.628 2.592	34.565 34.568	27.571	34.668	27.561	60.9	18.468	.0	1486.2	18200.1	2.2
1580.0	1564.9	2.677	2.566	34.569	27.576 27.580	34.766 34.861	27.567 27.570	60.3	18.589	.0	1486.4	18565.7	4.3
1600.0	_							60.1	18.710	.0	1486.6	18933.5	.2
1620.0	1584.7 1604.4	2.648 2.623	2.536 2.510	34.573 34.575	27.585	34.958	27.576	59.6	18.830	٠.	1486.9	19303.7	3.5
1640.0	1624.1	2.592	2.477	34.575	27.589 27.594	35.054 35.150	27.580	59.2	18.948	.0	1487.1	19676.2	3.8
1660.0	1643.8	2.569	2.453	34.580	27.598	35.246	27.584 27.588	58.8 58.4	19.066 19.184	٠.	1487.3 1487.5	20051.0	1.1
1680.0	1663.5	2.542	2.424	34.583	27.603	35.342	27.593	58.0	19.300	.0	1487.7	20428.1 20807.5	4.7
1700.0 1720.0	1683.3	2.507	2.388 2.358	34.585	27.608	35.439	27.597	57.5	19.416	.ŏ	1487.9	21189.1	2.6
1740.0	1703.0 1722.7	2.478 2.452	2.358	34.587 34.588	27.612	35.535	27.602	57.1	19.530	.0	1488.1	21572.9	1.5
1760.0	1742.4	2,429	2.306	34.591	27.615 27.619	35.630 35.726	27.605 27.609	56.8	19.645	.0	1488.4	21959.0	1.8
1780.0	1762.1	2.395	2.272	34.595	27.625	35.823	27.615	56.4 55.9	19.758 19.870	.0	1488.6 1488.8	22347.2	4.7
1800.0	1781.8	2.368	2.242	34.595								22737.6	1.8
1820.0	1801.5	2.347	2.220	34.595	27.628 27.631	35.918 36.012	27.618 27.620	55.6	19.982	٠.٥	1489.0	23130.3	. 4
1840.0	1821.2	2.326	2.199	34.599	27.634	36.107	27.624	55.4 55.0	20.092	.0	1489.3 1489.5	23525.0	2.4
1860.0	1840.9	2.311	2.181	34.600	27.637	36.201	27.626	54.8	20.313	:0	1489.8	23921.9 24321.0	3.0 3.3
1880.0	1860.6	2.286	2.155	34.602	27.640	36.295	27.630	54.5	20.422	.ŏ	1490.0	24722.1	1.6
1900.0 1920.0	1880.3 1900.0	2.251 2.242	2.119 2.109	34.605 34.606	27.646	36.393	27.635	53.9	20.530	.0	1490.2	25125.4	. 4
1940.0	1919.7	2.215	2.109	34.608	27.648 27.651	36.485 36.581	27.637 27.640	53.8	20.638	٠.٥	1490.5	25530.7	3.7
1960.0	1939.3	2.206	2.070	34.609	27.653	36.673	27.640	53.4 53.3	20.745 20.852	٠٥.	1490.7	25938.1	2.2
1980.0	1959.0	2.172	2.034	34.613	27.659	36.771	27.648	52.7	20.958	.0	1491.0 1491.2	26347.6 26759.2	3.7 2.5
2000.0	1978.7	2.157	2.018	34.614	27.661								
2050.0	2027.9	2.090	1.948	34.619	27.671	36.863 37.102	27.650 27.659	52.6 51.6	21.063 21.324	.0	1491.5 1492.0	27172.8	1.1
2096.0	2073.2	2.045	1.899	34.623	27.678	37.318	27.666	50.9	21.560	.ŏ	1492.6	28215.6 29186.0	1.4
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Station	69	Latitude	32° 20.	51'N	Longit	ude 127°	29.84'W	03	May 1991	GMT 21	:13	Bottom	4225 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.315 15.243 15.226 15.214 15.155 14.921 14.674 14.487 14.486 14.452	15.315 15.241 15.222 15.210 15.149 14.666 14.477 14.415 14.439	33.231 33.222 33.221 33.220 33.223 33.239 33.249 33.223 33.225 33.244	24.540 24.550 24.555 24.5570 24.634 24.634 24.730 24.739	24.540 24.594 24.687 24.687 24.747 24.855 24.960 25.024 25.137	24.540 24.549 24.552 24.569 24.693 24.693 24.713 24.727 24.736	338.5 338.0 338.0 338.1 336.9 331.1 325.6 323.9 322.8 322.2	.000 .338 .676 1.014 1.352 1.686 2.015 2.340 2.663 2.986	0000000000	1506.2 1506.1 1506.4 1506.4 1505.8 1505.8 1504.7 1504.7	.0 1.7 6.7 15.2 27.0 42.1 60.5 82.2 107.1 135.3	.0 5.1 2.2 2.8 48.8 26.5 53.1 13.3 7.1 8.3
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.2	13.990 13.705 12.077 11.120 10.787 10.161 9.836 9.478 9.368 9.101	13.976 13.689 12.061 11.104 10.771 10.144 9.818 9.459 9.349 9.081	33.179 33.234 33.065 33.060 33.060 33.108 33.223 33.363 33.442 33.533	24.785 24.887 25.076 25.239 25.306 25.451 25.595 25.763 25.843 25.957	25.229 25.375 25.612 25.823 25.935 26.127 26.317 26.532 26.657 26.817	24.783 24.884 25.073 25.236 25.303 25.448 25.592 25.760 25.840 25.954	318.0 308.6 290.5 275.0 268.8 255.1 241.5 225.6 218.2 207.5	3.306 3.620 3.920 4.204 4.477 4.738 4.986 5.220 5.442 5.654	0000000000	1503.5 1502.8 1497.2 1494.0 1493.0 1491.0 1490.1 1489.1 1489.0 1488.3	166.6 201.1 238.6 279.1 322.3 368.1 416.5 467.3 520.3 575.5	62.4 129.7 157.8 159.4 235.7 117.0 119.0 133.6 174.9 104.3
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	8.914 8.846 8.709 8.564 8.427 8.338 8.201 8.130 8.070 7.957	8.893 8.824 8.686 8.540 8.402 8.313 8.174 8.103 8.042 7.928	33.603 33.681 33.815 33.878 33.940 33.967 33.988 34.000 34.003	26.041 26.113 26.240 26.311 26.416 26.450 26.464 26.482 26.502	26.947 27.065 27.236 27.354 27.470 27.551 27.630 27.690 27.754 27.820	26.038 26.110 26.236 26.308 26.377 26.413 26.446 26.478 26.498	199.7 193.0 181.2 174.5 168.0 164.8 161.8 160.5 159.0	5.857 6.054 6.241 6.418 6.590 6.756 6.920 7.081 7.241 7.400	00000000000	1487.8 1487.8 1487.7 1487.4 1487.1 1486.9 1486.6 1486.5 1486.4 1486.2	632.7 691.9 753.0 815.9 880.6 946.9 1014.8 1084.3 1155.5 1228.2	48.3 93.7 134.1 23.7 33.0 46.8 3.1 3.4 33.3 5.8
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.799 7.485 7.338 7.236 7.081 6.942 6.768 6.656 6.556 6.501	7.770 7.455 7.307 7.205 7.049 6.910 6.735 6.622 6.562 6.466	34.012 34.000 34.009 34.004 34.005 34.004 34.002 34.014 34.022	26.532 26.568 26.588 26.610 26.628 26.647 26.670 26.684 26.701 26.720	27.896 27.980 28.047 28.115 28.179 28.245 28.315 28.375 28.439 28.504	26.528 26.564 26.584 26.605 26.623 26.643 26.666 26.679 26.716	154.5 151.0 149.1 147.2 145.6 143.7 141.6 138.8 137.1	7.556 7.708 7.858 8.006 8.152 8.297 8.440 8.580 8.720 8.858	0000000000	1485.7 1484.7 1484.3 1484.0 1483.6 1483.2 1482.7 1482.4 1482.3 1482.1	1302.5 1378.2 1455.5 1534.3 1614.5 1696.2 1779.2 1863.7 1949.6 2036.8	47.0 16.8 15.9 5.0 30.2 35.1 6.4 60.3 10.2
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.7 417.6 427.5 437.4 447.4 457.3 467.2 477.1	6.357 6.182 6.194 6.037 5.864 5.793 5.728 5.603 5.537 5.387	6.321 6.146 6.157 6.000 5.826 5.754 5.689 5.564 5.498 5.347	34.024 34.030 34.038 34.037 34.041 34.058 34.064 34.081 34.079	26.741 26.768 26.772 26.789 26.813 26.826 26.847 26.867 26.8688 26.904	28.571 28.646 28.696 28.760 28.832 28.890 28.958 29.025 29.025 29.157	26.736 26.764 26.768 26.784 26.809 26.821 26.842 26.862 26.863 26.900	135.2 132.5 132.3 130.7 127.3 127.3 125.3 123.4 121.5 119.9	8.994 9.128 9.261 9.392 9.522 9.650 9.776 9.900 10.023 10.144	0000000000	1481.7 1481.2 1481.4 1481.0 1480.4 1480.3 1480.3 1479.9 1479.8	2125.4 2215.4 2306.6 2399.2 2493.0 2588.1 2684.5 2782.1 2880.9 2980.9	16.0 16.0 4.0 35.6 14.5 19.2 26.5 9.2 15.0 23.2
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	497.0 506.9 516.8 526.7 536.6 546.5 556.5 566.4 576.3 586.2	5.338 5.275 5.233 5.237 5.157 5.090 5.060 4.966 4.925 4.927	5.297 5.234 5.190 5.194 5.114 5.046 5.015 4.920 4.879 4.880	34.088 34.097 34.111 34.125 34.141 34.154 34.158 34.170 34.181 34.186	26.918 26.932 26.948 26.959 26.981 27.000 27.006 27.026 27.040 27.043	29.216 29.277 29.339 29.396 29.465 29.530 29.583 29.710 29.758	26.913 26.927 26.943 26.954 26.976 27.001 27.001 27.035 27.038	118.7 117.4 116.0 115.0 113.0 111.3 110.7 108.9 107.6	10.263 10.381 10.497 10.613 10.727 10.839 10.950 11.060 11.169 11.276	0000000000	1479.3 1479.3 1479.3 1479.5 1479.2 1479.3 1479.1 1479.1 1479.1	3082.1 3184.5 3288.0 3392.7 3605.4 3713.4 3822.5 3932.7 4044.0	20.3 15.6 8.0 15.0 10.6 30.2 5.3 19.1 16.2 12.4
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.8 645.7 655.6 665.5 675.4 685.3	4.876 4.758 4.664 4.620 4.596 4.557 4.528 4.502 4.489 4.485	4.828 4.710 4.616 4.571 4.546 4.507 4.477 4.451 4.437 4.437	34.194 34.195 34.193 34.209 34.216 34.230 34.241 34.255 34.268 34.278	27.056 27.070 27.078 27.097 27.105 27.120 27.132 27.146 27.157 27.166	29.818 29.879 29.935 30.000 30.054 30.115 30.173 30.233 30.291 30.345	27.051 27.064 27.073 27.091 27.099 27.114 27.126 27.140 27.152 27.160	104.9 104.1 102.4 101.7 100.3 99.3 98.0 97.0	11.383 11.488 11.593 11.696 11.798 11.899 11.999 12.098 12.195 12.292	0000000000	1479.2 1478.9 1478.7 1478.7 1478.8 1478.8 1478.8 1478.9 1479.0 1479.2	4156.3 4269.6 4384.0 4499.4 4615.8 4733.2 4851.6 4971.0 5091.4 5212.7	17.4 7.4 12.6 7.1 15.0 15.9 10.9 11.8 8.3 13.5
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.8 734.8 744.7 754.6 764.5 774.4 784.3	4.459 4.415 4.452 4.441 4.436 4.377 4.363 4.332 4.332	4.405 4.361 4.397 4.385 4.379 4.320 4.305 4.273 4.262 4.273	34.292 34.299 34.311 34.324 34.336 34.347 34.351 34.364 34.367	27.180 27.191 27.197 27.208 27.215 27.225 27.235 27.241 27.253 27.254	30.405 30.463 30.513 30.570 30.623 30.680 30.736 30.788 30.846 30.892	27.174 27.185 27.191 27.202 27.209 27.219 27.229 27.235 27.246 27.247	94.1 93.7 92.7 92.2 91.2 90.4 89.8 88.8	12.388 12.482 12.576 12.670 12.762 12.854 12.944 13.035 13.124 13.213		1479.3 1479.3 1479.6 1479.7 1479.9 1479.8 1479.9 1480.0 1480.1 1480.3	5334.9 5458.1 5582.2 5707.2 5833.2 5960.0 6087.8 6216.4 6345.9 6476.3	15.6 13.0 8.0 9.2 8.0 11.2 7.7 4.5 10.1
800.0 810.0 820.0 830.0 850.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.302 4.268 4.228 4.213 4.194 4.170 4.158 4.165 4.134 4.091	4.241 4.206 4.166 4.149 4.130 4.106 4.093 4.099 4.068 4.024	34.374 34.380 34.385 34.392 34.397 34.401 34.405 34.417 34.421 34.423	27.263 27.271 27.280 27.287 27.293 27.299 27.303 27.313 27.319 27.325	30.948 31.002 31.058 31.111 31.163 31.214 31.265 31.319 31.372 31.425	27.257 27.265 27.273 27.281 27.287 27.292 27.296 27.306 27.312 27.318	87.3 86.5 85.9 85.3 84.6 83.8	13.301 13.389 13.476 13.562 13.647 13.733 13.818 13.902 13.985 14.068	.00000000000000000000000000000000000000	1480.4 1480.4 1480.5 1480.5 1480.7 1480.8 1481.0 1481.0	6607.6 6739.7 6872.7 7006.5 7141.2 7276.7 7413.0 7550.2 7688.2 7827.0	4.5 8.6 6.6 3.4 9.9 6.3
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.075 4.054 4.018 4.003 3.968 3.931 3.901 3.879 3.853 3.838	4.007 3.985 3.949 3.934 3.898 3.860 3.829 3.806 3.781 3.764	34.424 34.431 34.435 34.439 34.447 34.4453 34.456 34.460 34.461	27.327 27.331 27.339 27.344 27.351 27.361 27.368 27.374 27.379 27.382	31.473 31.523 31.577 31.628 31.681 31.738 31.792 31.843 31.895 31.944	27.320 27.324 27.331 27.336 27.343 27.354 27.361 27.366 27.372 27.374	82.2 81.5 81.1 80.5 79.5 78.8 78.4	14.151 14.233 14.315 14.396 14.477 14.557 14.636 14.715 14.793 14.871		1481.1 1481.2 1481.3 1481.4 1481.4 1481.4 1481.5 1481.6 1481.7	7966.7 8107.1 8248.3 8390.4 8533.2 8676.8 8821.2 8966.4 9112.3 9259.0	8.4 3.7 3.1 4.0 9.0 11.9 10.7

Station	69	Latitude	32° 20.	51'N	Longitu	de 127°	29.84'W	03	May 1991	GMT 21	1:13	Bottom	4225 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	sv m/s	TF m ³ /s ²	N ²
1000.0 1020.0 1040.0 1060.0 1080.0	992.2 1011.9 1031.7 1051.5 1071.3	3.808 3.749 3.721 3.683 3.658	3.734 3.673 3.644 3.605 3.579	34.465 34.472 34.477 34.481 34.484	27.388 27.400 27.406 27.413 27.419	31.996 32.101 32.199 32.298 32.395	27.380 27.392 27.399 27.406 27.411	77.2 76.1 75.5 75.0 74.6	14.948 15.101 15.253 15.403 15.553	.00	1481.7 1481.8 1482.0 1482.2 1482.4	9406.5 9703.7 10003.9 10307.0 10613.1	2.3 7.5 6.7 2.6
1100.0 1120.0 1140.0 1160.0 1180.0	1091.0 1110.8 1130.6 1150.3 1170.1	3.626 3.565 3.539 3.492 3.455	3.545 3.483 3.455 3.407 3.369	34.487 34.493 34.496 34.500 34.504	27.424 27.435 27.440 27.448 27.455	32.493 32.596 32.693 32.793 32.893	27.416 27.427 27.432 27.440 27.447	74.2 73.2 72.8 72.1 71.5	15.702 15.849 15.995 16.140 16.283	.0	1482.6 1482.7 1482.9 1483.1 1483.2	10922.1 11233.9 11548.7 11866.3 12186.7	9.1 4.1 .9 2.1 1.2
1200.0 1220.0 1240.0 1260.0 1380.0 1300.0 1320.0 1340.0	1189.8 1209.6 1229.4 1249.1 1268.9 1288.6 1308.4 1328.1 1347.9	3.428 3.359 3.312 3.259 3.215 3.173 3.125 3.082 3.045	3.341 3.271 3.222 3.168 3.123 3.080 3.031 2.986 2.948	34.507 34.514 34.517 34.523 34.526 34.529 34.535 34.536 34.540	27.460 27.472 27.479 27.489 27.495 27.502 27.511 27.516 27.523	32.989 33.095 33.194 33.296 33.395 33.494 33.596 33.694 33.792	27.451 27.463 27.471 27.480 27.487 27.493 27.502 27.508 27.514	71.1 69.9 69.3 68.4 67.8 67.1 66.3 65.3	16.426 16.567 16.706 16.844 16.980 17.114 17.248 17.380 17.511		1483.5 1483.5 1483.6 1483.8 1483.9 1484.2 1484.3 1484.3	12509.9 12835.8 13164.6 13496.0 13830.0 14166.7 14506.1 14848.0 15192.5	1.2 5.6 1.5 2.4 15.0 1.2 1.8 3.6
1380.0 1400.0 1420.0 1440.0 1460.0 1500.0 1520.0 1540.0 1560.0 1580.0	1367.6 1387.4 1407.1 1426.8 1446.6 1466.3 1486.1 1505.8 1525.5 1545.2	3.023 2.993 2.951 2.934 2.890 2.865 2.825 2.796 2.757 2.719 2.685	2.925 2.894 2.850 2.832 2.786 2.760 2.719 2.689 2.648 2.574	34.541 34.549 34.555 34.556 34.560 34.563 34.564 34.568 34.568	27.525 27.531 27.539 27.542 27.553 27.559 27.564 27.569 27.569 27.580	33.886 33.983 34.084 34.179 34.278 34.373 34.472 34.569 34.666 34.764 34.861	27.517 27.521 27.530 27.533 27.543 27.550 27.554 27.559 27.555 27.5565 27.570	65.1 64.6 63.8 63.6 62.9 62.0 61.6 61.1 60.1	17.642 17.771 17.900 18.027 18.154 18.280 18.404 18.528 18.651 18.651 18.773 18.893	0 00000000000	1484.8 1485.1 1485.4 1485.8 1485.9 1486.1 1486.5 1486.5	15539.5 15889.1 16241.1 16595.7 165952.8 17312.2 17674.2 18038.5 18405.3 18774.4 19145.9	3.9 5.14 2.3.4 4.6 1.7 9.6
1600.0 1620.0 1640.0 1660.0 1700.0 1720.0 1740.0 1760.0	1584.7 1604.4 1624.1 1643.8 1663.6 1683.3 1703.0 1722.7 1742.4 1762.1	2.654 2.615 2.592 2.554 2.525 2.504 2.471 2.437 2.405 2.372	2.542 2.502 2.477 2.438 2.408 2.385 2.351 2.316 2.282 2.248	34.572 34.575 34.577 34.581 34.583 34.586 34.586 34.588 34.588 34.591 34.593	27.584 27.590 27.594 27.600 27.605 27.608 27.612 27.616 27.621 27.625	34.957 35.055 35.151 35.249 35.345 35.440 35.535 35.632 35.632 35.729 35.825	27.574 27.580 27.584 27.590 27.595 27.598 27.602 27.606 27.611 27.615	59.7 59.1 58.2 57.4 57.4 56.2 56.2	19.013 19.132 19.250 19.367 19.483 19.598 19.712 19.826 19.826 19.051		1486.9 1487.3 1487.5 1487.7 1487.7 1488.1 1488.3 1488.5	19519.7 19895.8 20274.2 20654.9 21037.9 21423.1 21810.5 22200.1 22592.0 22986.0	7.3 4.3 8 1.2 4.4 2.1 1.5 5.3
1800.0 1820.0 1840.0 1860.0 1900.0 1920.0 1940.0 1960.0	1781.8 1801.5 1821.2 1840.9 1860.6 1880.3 1900.0 1919.7 1939.4 1959.1	2.353 2.333 2.306 2.284 2.268 2.238 2.230 2.211 2.194 2.173	2.228 2.207 2.178 2.155 2.138 2.107 2.097 2.076 2.058 2.035	34.595 34.597 34.599 34.600 34.602 34.605 34.605 34.607 34.609 34.610	27.628 27.632 27.636 27.639 27.642 27.647 27.647 27.651 27.654 27.656	35.919 36.014 36.110 36.204 36.298 36.394 36.486 36.580 36.674 36.768	27.618 27.622 27.626 27.628 27.631 27.636 27.636 27.640 27.643 27.646	55.5 55.8 54.5 54.5 53.8 53.8 53.5 53.0	20.162 20.273 20.383 20.492 20.601 20.709 20.817 20.924 21.031 21.137	.0000000000	1488.9 1489.2 1489.4 1489.7 1489.9 1490.1 1490.7 1490.7 1490.9	23382.1 23780.5 24180.9 24583.5 24988.2 25394.9 25803.8 266214.8 26627.8 27042.8	3.9 3.6 3.6 4.5 2.8 4 1.3 3.1
2000.0 2050.0 2096.0	1978.7 2027.9 2073.2	2.150 2.102 2.058	2.011 1.960 1.912	34.613 34.617 34.621	27.661 27.668 27.675	36.864 37.099 37.315	27.650 27.657 27.664	52.6 51.9 51.2	21.243 21.504 21.741	.0	1491.4 1492.1 1492.7	27460.0 28511.6 29490.2	4.3 .8 .0

Station	70	Latitude	32° 22.	68'N	Longit	ude 127°	37.39'W	03	May 1991	GMT 23	:39	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma -0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	10.0 19.9 29.9 39.9 49.8 59.8 69.7 79.7 89.7	15.217 15.083 15.037 15.037 14.708 14.609 14.379 14.383 14.384	15.217 15.082 15.034 15.032 14.702 14.602 14.370 14.373 14.363 14.351	33.091 33.143 33.141 33.146 33.185 33.206 33.204 33.241 33.247 33.265	24.454 24.523 24.533 24.537 24.638 24.675 24.723 24.751 24.758 24.774	24.454 24.567 24.621 24.669 24.815 24.896 24.988 25.060 25.112 25.172	24.454 24.523 24.532 24.536 24.637 24.674 24.721 24.748 24.755 24.771	346.7 340.5 339.9 339.8 327.2 322.9 320.5 320.1 318.9	.000 .344 .684 1.024 1.360 1.690 2.015 2.336 2.657 2.976	0000000000	1505.7 1505.5 1505.6 1505.7 1504.9 1504.7 1504.2 1504.4 1504.5	.0 1.7 6.8 15.4 27.2 42.4 60.9 82.6 107.4 135.5	.0 28.2 3.1 8.6 55.4 99.6 15.6 15.3 2.1 21.2
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.2	14.294 13.492 12.059 11.829 10.672 10.342 9.716 9.547 9.352 9.033	14.280 13.477 12.043 11.813 10.656 10.325 9.698 9.529 9.332 9.013	33.271 33.224 33.129 33.145 33.071 33.102 33.244 33.335 33.498 33.608	24.793 24.792 25.129 25.184 25.334 25.416 25.632 25.730 25.889 26.027	25.236 25.411 25.665 25.766 25.964 26.092 26.354 26.703 26.887	24.790 24.919 25.126 25.181 25.332 25.413 25.629 25.727 25.886 26.023	317.3 305.2 285.5 280.4 266.0 258.4 237.9 228.8 213.8 200.9	3.294 3.609 3.902 4.186 4.457 4.721 4.969 5.201 5.423 5.630	0000000000	1504.6 1502.1 1497.3 1496.7 1492.6 1491.6 1489.7 1489.4 1489.0 1488.1	166.7 201.1 238.5 278.7 321.7 367.4 415.6 466.2 519.1 574.0	14.7 261.4 54.7 62.6 25.5 127.3 98.5 40.5 127.1 71.2
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.009 8.914 8.849 8.748 8.649 8.592 8.526 8.404 8.332 8.160	8.988 8.892 8.826 8.724 8.624 8.566 8.499 8.377 8.303 8.131	33.661 33.722 33.781 33.829 33.867 33.882 33.899 33.934 33.954 33.974	26.072 26.135 26.192 26.245 26.290 26.311 26.335 26.408 26.449	26.978 27.086 27.188 27.287 27.378 27.444 27.513 27.605 27.678 27.765	26.069 26.132 26.188 26.241 26.286 26.307 26.331 26.403 26.444	196.8 191.0 185.8 180.9 176.7 174.9 172.8 168.6 166.2 162.4	5.829 6.024 6.211 6.394 6.572 6.748 6.921 7.092 7.260 7.424	00000000000	1488.3 1488.1 1488.0 1487.8 1487.7 1487.5 1487.4 1486.9	631.0 689.9 750.7 813.3 877.7 943.9 1011.8 1081.4 1152.7 1225.7	47.5 105.7 73.2 49.5 16.1 31.0 11.7 46.8 70.5 22.8
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.992 7.846 7.668 7.523 7.404 7.309 7.153 7.007 6.851 6.691	7.962 7.816 7.637 7.491 7.372 7.275 7.119 6.972 6.815 6.656	33.987 33.993 34.008 34.015 34.018 34.020 34.019 34.015 34.017 34.020	26.484 26.511 26.548 26.574 26.594 26.630 26.647 26.670 26.694	27.847 27.920 28.004 28.077 28.142 28.204 28.271 28.335 28.405 28.476	26.480 26.506 26.544 26.570 26.589 26.604 26.625 26.642 26.665 26.689	159.1 156.7 153.2 150.8 149.0 147.6 145.7 144.1 142.0 139.8	7.584 7.741 7.897 8.049 8.198 8.347 8.493 8.638 8.781 8.922	0000000000	1486.5 1486.1 1485.6 1485.2 1484.7 1484.7 1484.2 1483.8 1483.4	1300.2 1376.3 1454.0 1533.1 1613.8 1695.9 1779.5 1864.5 1951.0 2038.9	15.1 11.9 36.2 23.8 23.5 25.6 15.3 7.4 22.9 10.8
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0 490.0	397.7 407.7 417.6 427.5 437.4 447.3 467.2 477.1 487.0	6.554 6.266 6.125 6.006 5.885 5.767 5.760 5.615 5.619	6.518 6.230 6.088 5.969 5.848 5.729 5.661 5.575 5.524 5.578	34.043 34.022 34.026 34.033 34.034 34.036 34.041 34.049 34.067	26.730 26.750 26.772 26.790 26.807 26.823 26.833 26.847 26.860 26.868	28.559 28.628 28.696 28.761 28.825 28.888 28.945 29.006 29.064 29.117	26.726 26.746 26.767 26.785 26.803 26.818 26.829 26.843 26.855 26.863		9.060 9.196 9.329 9.461 9.590 9.719 9.846 9.972 10.096 10.220	00000000000	1482.5 1481.5 1481.1 1480.8 1480.5 1480.2 1480.1 1479.9 1479.9 1480.3	2128.1 2218.7 2310.6 2403.8 2498.4 2594.2 2691.2 2789.5 2889.0 2989.8	57.1 18.1 14.8 6.3 2.5 46.4 7.4 19.1 4.5 18.0
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.6 546.5 556.4 576.3 586.2	5.395 5.376 5.299 5.200 5.174 5.139 5.071 5.003 4.938	5.354 5.334 5.250 5.196 5.156 5.129 5.025 4.957 4.891	34.054 34.070 34.079 34.086 34.095 34.100 34.115 34.126 34.131	26.884 26.899 26.909 26.923 26.933 26.943 26.951 26.951 26.987 26.999	29.182 29.243 29.300 29.360 29.416 29.472 29.527 29.523 29.656 29.714	26.879 26.895 26.904 26.918 26.928 26.938 26.946 26.982 26.994	120.6 119.7 118.5 117.6 116.7 116.0 114.2	10.343 10.464 10.584 10.703 10.821 10.938 11.055 11.170 11.284 11.396		1479.5 1479.6 1479.5 1479.4 1479.5 1479.5 1479.3 1479.3	3091.8 3195.0 3299.4 3404.9 3511.6 3619.5 3728.6 3838.7 3950.0 4062.5	5.4 22.1 6.5 8.3 9.2 7.4 15.0 24.7 22.9
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0 690.0	596.1 606.0 615.9 625.8 635.8 645.7 655.6 665.5 675.4 685.3	4.892 4.842 4.796 4.747 4.715 4.686 4.638 4.606 4.537	4.845 4.794 4.747 4.737 4.667 4.664 4.586 4.553 4.484	34.134 34.154 34.158 34.171 34.183 34.192 34.205 34.222 34.230	27.006 27.019 27.033 27.037 27.053 27.065 27.076 27.091 27.109 27.122	29.768 29.827 29.888 29.938 29.999 30.058 30.115 30.177 30.241 30.301	27.001 27.013 27.028 27.032 27.047 27.060 27.070 27.085 27.103 27.117	109.8 108.5 108.2 106.8 105.7 104.8 103.4 101.7	11.507 11.618 11.727 11.835 11.943 12.049 12.154 12.258 12.360 12.461		1479.2 1479.2 1479.3 1479.3 1479.4 1479.4 1479.4 1479.5 1479.3	4176.0 4290.6 4406.3 4523.0 4640.9 4759.8 4879.7 5000.6 5122.6 5245.6	32.9 10.9 7.7 9.2 6.8 19.7 17.7 13.6
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.5 784.3	4.513 4.475 4.469 4.444 4.463 4.415 4.415 4.419 4.334	4.459 4.420 4.414 4.388 4.406 4.359 4.356 4.360 4.275 4.264	34.234 34.241 34.252 34.270 34.281 34.285 34.303 34.317 34.327 34.337	27.128 27.138 27.147 27.165 27.171 27.180 27.194 27.205 27.222 27.231	30.353 30.409 30.464 30.528 30.580 30.635 30.694 30.751 30.815 30.870	27.123 27.132 27.141 27.159 27.165 27.174 27.188 27.199 27.216 27.225	99.1 98.3 96.8 96.3 95.5 94.3 93.4 91.7	12.562 12.661 12.760 12.857 12.954 13.050 13.144 13.238 13.331 13.422	.00.00	1479.4 1479.4 1479.6 1479.7 1479.9 1479.9 1480.1 1480.3 1480.1	5369.5 5494.4 5620.3 5747.2 5875.0 6003.8 6133.5 624.2 6395.7 6528.2	17.7 1.8 13.3 4.5 9.2 6.8 18.0 5.7 11.3
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.3 804.2 814.0 824.0 833.8 843.8 853.7 863.5 873.4 883.3	4.320 4.270 4.223 4.188 4.177 4.163 4.139 4.124 4.102 4.097	4.259 4.208 4.161 4.126 4.113 4.098 4.074 4.058 4.035 4.030	34.348 34.350 34.361 34.372 34.379 34.383 34.390 34.395 34.401 34.407	27.240 27.247 27.261 27.274 27.281 27.285 27.294 27.299 27.306 27.311	30.925 30.979 31.039 31.098 31.151 31.201 31.256 31.307 31.360 31.411	27.234 27.241 27.255 27.267 27.274 27.279 27.287 27.292 27.299 27.304	89.5 88.2 87.1 86.5 86.1 85.4 85.0 84.4	13.513 13.603 13.692 13.779 13.866 13.952 14.038 14.123 14.208 14.292		1480.4 1480.4 1480.4 1480.5 1480.6 1480.7 1480.8 1480.9 1481.0	6661.5 6795.8 6930.9 7066.8 7203.7 7341.4 7479.9 7619.3 7759.5 7900.5	2.2 14.2 4.8 1.6 6.0 6.9 1.0 9.5 11.9
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.070 4.054 4.018 3.973 3.954 3.940 3.909 3.877 3.863 3.832	4.003 3.985 3.949 3.904 3.884 3.869 3.838 3.805 3.790 3.758	34.419 34.424 34.423 34.426 34.432 34.438 34.440 34.445 34.445	27.319 27.325 27.333 27.337 27.341 27.348 27.356 27.361 27.366 27.373	31.465 31.517 31.572 31.623 31.673 31.725 31.779 31.831 31.882 31.935	27.312 27.318 27.326 27.330 27.334 27.341 27.348 27.354 27.359 27.366	82.7 82.0 81.6	14.376 14.459 14.541 14.623 14.704 14.785 14.866 14.946 15.025 15.104	0000000000	1481.1 1481.2 1481.2 1481.2 1481.3 1481.4 1481.4 1481.5 1481.6	8042.3 8185.0 8328.5 8472.8 8617.8 8763.7 8910.4 9057.8 9206.1 9355.1	5.7 7.5 4.9 1.7 9.9 13.7 3.1 3.4

Station	70	Latitude	32° 22.	68'N	Longitu	de 127°	37.39'W	03	May 1991	GMT 23	3:39	Bottom	3150 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn.Ht	LTR	sv	TF	N ²
₫b	m	•c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	$10^8 m^3/kg$		0/0	m/s	m^3/s^2	10 ⁶ /s ²
1000.0	992.2	3.820	3.746	34.451	27.376	31,983	27.368	78.3	15.182	.0	1481.7	9504.8	3.7
1020.0 1040.0	1012.0 1031.7	3.794	3.718	34.459	27.385	32.084	27.377	77.6	15.338	.0	1482.0	9806.7	2.9
1060.0	1051.5	3.742 3.695	3.665 3.617	34.465 34.470	27.395	32.187	27.387	76.7	15.492	.0	1482.1	10111.6	4.3
1080.0	1071.3	3.663	3.583	34.474	27.404 27.410	32.288 32.386	27.396 27.402	75.9 75.4	15.645 15.796	.0	1482.2	10419.5	7.8
1100.0	1091.1	3,634	3.553	34.480	27.418	32.486	27.410	74.8	15.946	.ŏ	1482.4 1482.6	10730.3 11044.1	7.6 -1.2
1120.0 1140.0	1110.8 1130.6	3.614 3.533	3.531	34.485	27.424	32.584	27.416	74.3	16.095	.0	1482.9	11360.8	3.8
1160.0	1150.3	3.499	3.450 3.414	34.494 34.499	27.439 27.446	32.692 32.791	27.431 27.438	72.9	16.242	.0	1482.9	11680.5	7.3
1180.0	1170.1	3.461	3.375	34.501	27.452	32.890	27.444	72.3 71.7	16.386 16.531	.0	1483.1 1483.3	12002.9 12328.2	9 2.7
1200.0	1189.9	3.407	3.320	34.508	27.462	32.992							
1220.0	1209.6	3.357	3.268	34.511	27.470	33.092	27.454 27.461	70.8 70.1	16.673 16.814	.0	1483.4 1483.5	12656.3 12987.2	6 1.5
1240.0 1260.0	1229.4	3.287	3.198	34.516	27.480	33.196	27.472	69.1	16.953	.ŏ	1483.5	13320.7	5.3
1280.0	1249.2 1268.9	3.271 3.227	3.180 3.135	34.516 34.520	27.482	33.289	27.473	69.0	17.091	.0	1483.8	13657.0	3.0
1300.0	1288.7	3.184	3.090	34.524	27.489 27.497	33.389 33.489	27.481 27.488	68.4	17.228	٠,٥	1484.0	13996.0	3.6
1320.0	1308.4	3.143	3.049	34.528	27.504	33.588	27.495	67.7 67.0	17.364 17.499	.0	1484.1 1484.3	14337.6 14681.9	.7 9.2
1340.0 1360.0	1328.2	3.112	3.016	34.531	27.509	33.685	27.500	66.6	17.633	.ŏ	1484.5	15028.8	3.0
1380.0	1347.9 1367.6	3.082 3.034	2.985 2.936	34.535	27.515	33.783	27.506	66.1	17.765	.0	1484.7	15378.3	9.2
				34.538	27.522	33.883	27.513	65.4	17.897	.0	1484.8	15730.4	2.2
1400.0 1420.0	1387.4 1407.1	2.997 2.943	2.898 2.842	34.540 34.544	27.527	33.980	27.518	64.9	18.027	.0	1485.0	16085.0	3.3
1440.0	1426.9	2.914	2.812	34.546	27.535 27.540	34.081 34.177	27.526 27.531	64.1	18.156	.0	1485.1	16442.1	5
1460.0	1446.6	2.896	2.792	34.549	27.544	34.273	27.535	63.8 63.4	18.284 18.411	.0	1485.3 1485.6	16801.7 17163.8	. 4
1480.0 1500.0	1466.3	2.850	2.746	34.553	27.551	34.372	27.542	62.8	18.537	.ŏ	1485.7	17528.4	1 1.0
1520.0	1486.1 1505.8	2.827 2.802	2.721 2.695	34.554 34.557	27.554	34.467	27.545	62.5	18.662	.0	1485.9	17895.4	1.9
1540.0	1525.5	2.773	2.664	34.559	27.559 27.563	34.563 34.659	27.549	62.1	18.787	.0	1486.2	18264.9	2.5
1560.0	1545.3	2.745	2.635	34.562	27.568	34.756	27.553 27.558	61.8 61.3	18.911 19.034	.0	1486.4 1486.6	18636.7 19011.0	1.7
1580.0	1565.0	2.714	2.602	34.564	27.573	34.853	27.563	60.8	19.156	.ŏ	1486.8	19387.6	2.3 .8
1600.0	1584.7	2.687	2.574	34.566	27.577	34.948	27.567	60.5	19.277	.0	1487.0	19766.6	
1620.0 1640.0	1604.4	2.627	2.513	34.571	27.586	35.050	27.576	59.5	19.397	.ŏ	1487.1	20148.0	1.4
1660.0	1624.1 1643.9	2.541 2.510	2.427 2.395	34.579 34.580	27.599	35.158	27.590	58.1	19.515	.0	1487.1	20531.7	3.8
1680.0	1663.6	2.462	2.346	34.584	27.603 27.611	35.254 35.354	27.594 27.601	57.7 56.9	19.631	٠o.	1487.3	20917.6	1.1
1700.0	1683.3	2.440	2.322	34.587	27.615	35.449	27.605	56.6	19.746 19.859	.0	1487.4 1487.6	21305.7 21696.1	4.9 4.1
1720.0 1740.0	1703.0	2.416	2.297	34.589	27.618	35.545	27.608	56.2	19.972	ij	1487.9	22088.6	3.5
1760.0	1722.7 1742.4	2.399 2.390	2.278 2.268	34.591 34.592	27.621	35.639	27.611	56.0	20.084	.0	1488.1	22483.4	2.6
1780.0	1762.1	2.356	2.233	34.595	27.623 27.628	35.731 35.829	27.613 27.618	55.9 55.4	20.196 20.307	٠٥.	1488.4	22880.3	. 9
1800.0	1781.8	2.343	2.219	34.595						.0	1488.6	23279.3	.9
1820.0	1801.5	2.302	2.176	34.598	27.629 27.635	35.921 36.019	27.619 27.625	55.3 54.7	20.418	٠.٥	1488.9	23680.5	4.4
1840.0	1821.2	2.266	2.139	34.601	27.641	36.116	27.630	54.2	20.528 20.637	.0 .0	1489.1 1489.2	24083.9 24489.4	3.9
1860.0 1880.0	1840.9 1860.6	2.247	2.119	34.603	27.644	36.211	27.633	53.9	20.745	.0	1489.5	24896.9	3.0 .1
1900.0	1880.3	2.231 2.215	2.101 2.083	34.604 34.605	27.646 27.649	36.304	27.636	53.7	20.852	.0	1489.8	25306.6	2.7
1920.0	1900.0	2.187	2.055	34.609	27.654	36.398 36.494	27.638 27.643	53.5 53.0	20.959 21.066	٠,٥	1490.0 1490.3	25718.3	2 5.7
1940.0	1919.7	2.172	2.038	34.610	27.656	36.587	27.645	52.8	21.172	.0	1490.3	26132.1 26547.9	5.7 1.0
1960.0 1980.0	1939.4 1959.1	2.159 2.134	2.023 1.997	34.611	27.658	36.680	27.647	52.6	21.277	.0	1490.8	26965.8	5.7
				34.614	27.663	36.776	27.652	52.2	21.382	.0	1491.0	27385.7	.2
2000.0 2050.0	1978.8 2027.9	2.121 2.087	1.983 1.945	34.615 34.619	27.665 27.670	36.869	27.654	52.0	21.486	.0	1491.3	27807.6	.8
2098.0	2075.2	2.050	1.904	34.622	27.676	37.102 37.325	27.659 27.665	51.6	21.746	.0	1492.0	28871.2	1.1
						0525	21.000	51.1	21.992	.0	1492.7	29903.9	.0

Station		Latitude			_	ude 127°	41.37'W	03	May 1991	GMT 1	L:29	Bottom	
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kç		LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.9 39.8 59.8 69.7 79.7	14.948 14.852 14.816 14.790 14.566 14.435 14.238 13.684 13.939	14.948 14.850 14.814 14.785 14.560 14.428 14.230 13.674 13.856 13.927	33.050 33.048 33.047 33.079 33.184 33.193 33.149 33.035 33.105 33.134	24.481 24.500 24.539 24.667 24.702 24.736 24.736 24.753 24.761	24.481 24.545 24.596 24.671 24.844 24.923 24.976 25.047 25.108 25.160	24.481 24.500 24.507 24.538 24.666 24.700 24.735 24.735 24.758	344.2 342.6 342.2 339.6 327.6 324.6 324.1 321.8 320.5 320.1	.000 .344 .686 1.028 1.360 1.686 2.010 2.333 2.654 2.975	.00	1504.8 1504.7 1504.9 1504.4 1504.2 1503.6 1501.8 1502.7 1503.1	.0 1.7 6.8 15.4 27.3 42.5 60.9 82.5 107.3 135.4	14.4 4.5 156.2 88.5 5.9 10.0 -7.1 9.0 8.2
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2	14.268 14.260 13.763 11.986 11.125 10.657 9.794 9.630 9.549 9.384	14.253 14.245 13.746 11.969 11.108 10.639 9.776 9.611 9.529 9.363	33.262 33.285 33.236 33.111 33.101 33.169 33.215 33.343 33.420 33.502	24.792 24.812 24.877 25.128 25.278 25.414 25.596 25.723 25.796 25.887	25.235 25.299 25.410 25.710 25.906 26.089 26.319 26.491 26.610 26.746	24.789 24.809 24.874 25.125 25.275 25.411 25.593 25.720 25.793 25.884	317.4 315.9 309.8 285.7 271.5 258.7 241.4 229.5 222.7 214.2	3.294 3.611 3.925 4.220 4.503 4.766 5.017 5.252 5.478 5.695	0000000000	1504.5 1504.7 1503.2 1497.2 1494.3 1492.9 1489.9 1489.7 1489.6 1489.3	166.6 201.0 238.5 279.0 322.5 368.6 417.3 468.3 521.7 577.2	19.1 49.3 221.1 26.3 255.1 18.1 165.0 149.7 149.1 86.2
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.235 9.205 9.008 8.831 8.736 8.562 8.400 8.184 8.086 7.944	9.213 9.182 8.984 8.807 8.711 8.536 8.373 8.157 8.058 7.915	33.641 33.655 33.746 33.777 33.821 33.886 33.957 33.958 33.958 33.993	26.020 26.037 26.139 26.191 26.241 26.318 26.399 26.448 26.467 26.495	26.925 26.986 27.135 27.233 27.328 27.451 27.578 27.674 27.739 27.813	26.017 26.033 26.135 26.187 26.237 26.314 26.395 26.444 26.463 26.491	201.8 200.4 190.8 186.0 181.4 174.2 166.7 162.1 160.4 157.8	5.903 6.104 6.299 6.488 6.672 6.849 7.020 7.183 7.345 7.504	0000000000	1489.1 1489.1 1488.7 1488.2 1488.1 1487.7 1487.3 1486.7 1486.5 1486.1	634.9 694.6 756.2 819.8 885.2 952.4 1021.3 1091.8 1164.0 1237.7	76.2 78.5 26.4 50.4 66.2 46.5 82.0 34.8 31.5
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.783 7.640 7.533 7.364 7.301 7.201 7.056 6.891 6.644 6.562	7.754 7.609 7.502 7.332 7.268 7.168 7.022 6.857 6.610 6.527	34.003 34.010 34.009 34.010 34.010 34.017 34.013 34.005 34.032	26.527 26.554 26.569 26.588 26.602 26.616 26.642 26.661 26.688 26.720	27.892 27.965 28.025 28.092 28.212 28.212 28.284 28.350 28.425 28.504	26.523 26.550 26.564 26.584 26.597 26.612 26.637 26.656 26.683 26.716	154.9 152.5 151.2 149.3 148.2 146.9 144.5 144.5 140.1 137.1	7.660 7.814 7.966 8.116 8.265 8.412 8.558 8.702 8.843 8.982	00000000000	1485.7 1485.3 1485.0 1484.5 1484.5 1483.8 1483.4 1482.5 1482.4	1313.0 1389.9 1468.2 1548.1 1629.4 1712.2 1796.4 1882.1 1969.2 2057.6	25.6 21.2 14.8 18.0 4.8 5.1 13.5 32.2 30.4
400.0 410.0 420.0 430.0 440.0 450.0 470.0 480.0 490.0	397.8 407.7 417.6 427.5 437.4 447.4 457.3 467.2 477.1 487.0	6.426 6.374 6.219 6.160 6.014 5.972 5.822 5.741 5.667 5.564	6.391 6.338 6.182 6.123 5.976 5.934 5.783 5.702 5.627 5.524	34.043 34.055 34.056 34.057 34.060 34.058 34.057 34.058 34.052	26.747 26.763 26.783 26.786 26.811 26.818 26.836 26.845 26.845 26.862	28.576 28.639 28.707 28.755 28.827 28.881 28.946 29.001 29.0058 29.112	26.742 26.758 26.779 26.781 26.806 26.813 26.831 26.831 26.850 26.850	134.7 133.3 131.3 131.2 128.8 128.2 126.5 125.7 124.8 124.1	9.118 9.252 9.384 9.515 9.645 9.774 9.901 10.027 10.152 10.276		1482.0 1482.0 1481.6 1481.5 1481.1 1480.6 1480.5 1480.3 1480.1	2147.5 2238.6 2331.1 2424.9 2519.9 2616.3 2713.8 2812.7 2912.8 3014.1	12.5 11.1 3.1 3.4 20.7 18.0 3.1 20.9 14.5
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.6 546.5 556.5 566.4 576.3	5.538 5.502 5.434 5.418 5.361 5.302 5.248 5.169 5.103 5.086	5.496 5.460 5.391 5.374 5.317 5.257 5.202 5.123 5.056 5.039	34.059 34.063 34.057 34.059 34.060 34.065 34.073 34.087 34.104	26.872 26.878 26.882 26.885 26.893 26.904 26.917 26.937 26.958 26.961	29.167 29.221 29.271 29.320 29.374 29.432 29.491 29.558 29.626 29.674	26.867 26.873 26.877 26.880 26.888 26.899 26.912 26.932 26.953 26.955	123.3 122.7 122.4 122.2 121.5 120.5 119.3 117.5 115.5	10.400 10.523 10.646 10.768 10.890 11.011 11.131 11.249 11.366 11.481	.00000000000000000000000000000000000000	1480.1 1480.0 1480.1 1480.1 1480.1 1480.0 1479.9 1479.8 1479.8	3116.6 3220.4 3325.4 3431.6 3539.0 3647.5 3757.3 3868.3 4980.4	21.2 5 7.4 2.5 1.3 18.0 19.2 22.1 14.2 1.3
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 616.0 625.9 635.8 645.7 655.6 665.5 675.4 685.3	5.077 5.063 5.026 4.928 4.878 4.802 4.754 4.754 4.671 4.638	5.029 5.014 4.976 4.878 4.828 4.751 4.702 4.666 4.618 4.584	34.105 34.107 34.125 34.132 34.150 34.164 34.172 34.190 34.213	26.963 26.964 26.971 26.995 27.007 27.030 27.057 27.076 27.098	29.722 29.769 29.822 29.893 29.951 30.021 30.084 30.141 30.207 30.275	26.957 26.959 26.965 26.990 27.001 27.024 27.041 27.051 27.071 27.092	115.3 115.3 114.7 112.4 111.3 109.2 107.6 106.7 104.9 102.9	11.596 11.712 11.826 11.940 12.052 12.162 12.271 12.378 12.484 12.588	.00	1479.9 1480.0 1480.1 1479.8 1479.7 1479.7 1479.7 1479.7 1479.7	4208.0 4323.5 4440.2 4558.0 4676.9 4796.9 4917.9 5040.0 5163.2 5287.4	5.1 3.0 10.1 11.8 23.5 25.6 32.9 6.0 15.9
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 754.7 764.6 774.5	4.605 4.590 4.545 4.502 4.467 4.378 4.383 4.341 4.315 4.226	4.550 4.535 4.489 4.446 4.320 4.320 4.324 4.283 4.255 4.166	34.231 34.240 34.248 34.261 34.277 34.301 34.305 34.312 34.317 34.347	27.117 27.125 27.136 27.151 27.168 27.197 27.199 27.210 27.217 27.249	30.340 30.394 30.451 30.513 30.576 30.652 30.700 30.757 30.810 30.890	27.111 27.119 27.130 27.145 27.162 27.190 27.193 27.203 27.210 27.243	101.3 100.5 99.5 98.1 96.6 93.7 92.8 92.2 89.0	12.690 12.791 12.891 12.990 13.087 13.182 13.276 13.369 13.461 13.552	0000000000	1479.8 1479.9 1479.9 1479.9 1479.8 1480.0 1480.0 1480.0	5412.6 5538.9 5666.1 5794.2 5923.4 6053.5 6184.5 6316.4 6449.3 6583.0	-1.1 6.6 6.6 12.1 45.8 2.5 3.9 1.0 48.4
800.0 810.0 820.0 830.0 840.0 850.0 860.0 880.0	794.3 804.2 814.1 824.0 833.9 843.8 853.7 863.6 873.5 883.3	4.193 4.166 4.137 4.128 4.095 4.080 4.104 4.095 4.056	4.132 4.105 4.075 4.071 4.065 4.031 4.016 4.039 4.028 3.989	34.355 34.362 34.370 34.371 34.379 34.382 34.387 34.380 34.401	27.260 27.267 27.278 27.278 27.279 27.289 27.293 27.294 27.298 27.310	30.947 31.001 31.057 31.103 31.150 31.207 31.257 31.303 31.352 31.411	27.253 27.261 27.271 27.271 27.273 27.283 27.286 27.288 27.291 27.304	88.1 87.4 86.5 86.6 86.5 85.6 85.3 85.4 85.1	13.641 13.728 13.815 13.902 13.988 14.074 14.160 14.245 14.330 14.415	0000000000	1479.9 1479.9 1480.0 1480.2 1480.3 1480.3 1480.4 1480.7 1480.8 1480.9	6717.6 6853.1 6989.5 71266.6 7264.7 7403.6 7543.3 7683.9 7825.3 7967.5	12.4 4.5 1.0 5 11.0 6.6 .1 .7 11.0
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.3 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	3.991 3.966 3.915 3.867 3.865 3.855 3.875 3.723	3.924 3.898 3.846 3.829 3.797 3.794 3.784 3.743 3.682 3.651	34.408 34.406 34.417 34.420 34.424 34.435 34.442 34.444 34.444	27.323 27.324 27.334 27.343 27.349 27.358 27.365 27.370 27.376 27.376	31.471 31.519 31.579 31.629 31.683 31.737 31.789 31.842 31.842 31.895 31.948	27.316 27.317 27.331 27.335 27.342 27.351 27.357 27.363 27.369 27.376	82.7 82.6 81.3 81.0 80.3 79.6 79.1 78.5 77.3	14.498 14.581 14.663 14.744 14.825 14.905 14.984 15.063 15.141 15.219	00000000000	1480.8 1480.8 1480.9 1480.9 1481.1 1481.2 1481.2 1481.2	8110.6 8254.5 8399.1 8544.6 8690.9 8838.0 8985.8 9134.4 9283.8 9433.9	.2 1.6 17.4 1.9 3.1 2.8 1.4 16.9 9.3

Station	71	Latitude	32 24.	14'N	Longitu	de 127°	41.37'W	03	May 1991	GMT	1:29	Bottom	1650 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn.Ht	LTR	sv	TF	N ²
db	m	•c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	J/kg	0/0	m/s	m ³ /s ²	$10^{6}/s^{2}$
1000.0	992.2	3.691	3.618	34.451	27.388	32.000	27.381	76.8	15.296	.0	1481.2	9584.8	4.6
1020.0 1040.0	1012.0 1031.7	3.649	3.575	34.458	27.398	32.101	27.390	76.0	15.449	٠.		9888.9	4.0
1060.0	1051.5	3.588 3.539	3.512 3.463	34.468 34.476	27.412 27.424	32.208 32.312	27.404	74.7	15.599	.0		10195.9	16.9
1080.0	1071.3	3.516	3.438	34.481	27.430	32.410	27.416 27.422	73.7 73.2	15.747 15.894	.o .o		10505.9 10818.7	2.0
1100.0	1091.1	3.503	3.423	34.488	27.436	32.508	27.429	72.7	16.040	:6		11134.4	9.0
1120.0	1110.8	3.412	3.331	34.497	27.453	32.619	27.445	71.0	16.184	.ŏ		11452.9	3.5
1140.0	1130.6	3.385	3.303	34.495	27.454	32.712	27.446	71.0	16.326	.ŏ		11774.2	9
1160.0	1150.4	3.336	3.252	34.501	27.464	32.814	27.456	70.2	16.467	.0	1482.4	12098.3	8.8
1180.0	1170.1	3.292	3.207	34.505	27.471	32.913	27.463	69.5	16.607	.0	1482.6	12425.1	. 9
1200.0	1189.9	3.279	3.193	34.510	27.476	33.011	27.468	69.1	16.745	.0	1482.8	12754.7	-2.1
1220.0	1209.6	3.220	3.133	34.516	27.486	33.113	27.478	68.2	16.083	.0		13086.9	5.6
1240.0 1260.0	1229.4 1249.2	3.187	3.099	34.519	27.492	33.211	27.483	67.7	17.019	.0		13421.8	5.6
1280.0	1268.9	3.120 3.079	3.031 2.989	34.525 34.529	27.503	33.315	27.495	66.6	17.153	.0		13759.4	9
1300.0	1288.7	3.074	2.982	34.529	27.510 27.511	33.414 33.507	27.501 27.502	66.0 66.0	17.285 17.417	٠,٥		14099.5	1.5
1320.0	1308.4	3.044	2.951	34.532	27.516	33.604	27.502	65.6	17.549	.0	1483.6 1483.8	14442.2 14787.5	4.4 -1.1
1340.0	1328.2	3.022	2.927	34.534	27.520	33.699	27.511	65.3	17.680	.ŏ	1484.1	15135.4	-1.1
1360.0	1347.9	3.014	2.918	34.535	27.521	33.792	27.513	65.2	17.810	.ŏ	1484.4	15485.7	7.7
1380.0	1367.7	2.961	2.864	34.540	27.531	33.894	27.522	64.4	17.940	.ŏ	1484.5	15838.7	2.7
1400.0	1387.4	2.925	2.827	34.544	27.537	33,992	27.528	63.8	18.068	.0	1484.7	16194.1	1.0
1420.0	1407.1	2.909	2.809	34.545	27.539	34.086	27.530	63.7	18,196	.ŏ	1484.9	16552.0	1.6
1440.0	1426.9	2.868	2.766	34.550	27.547	34.186	27.538	62.9	18.322	.ŏ	1485.1	16912.4	2.2
1460.0	1446.6	2.850	2.747	34.551	27.549	34.280	27.540	62.8	18.448	.ō	1485.4	17275.3	3.7
1480.0	1466.3	2.830	2.726	34.553	27.553	34.375	27.543	62.5	18.573	.0	1485.6	17640.6	3.4
1500.0 1520.0	1486.1	2.822	2.716	34.554	27.555	34.467	27.545	62.4	18.698	.0	1485.9	18008.3	9.0
1540.0	1505.8 1525.5	2.771 2.744	2.664	34.558	27.562	34.568	27.553	61.7	18.822	.0	1486.0	18378.5	2.2
1560.0	1545.3	2.712	2.636 2.603	34.560 34.563	27.567 27.572	34.664	27.557	61.3	18.945	.0	1486.3	18751.0	2.5
1580.0	1565.0	2.696	2.585	34.564	27.574	34.761 34.855	27.562 27.565	60.8	19.067 19.188	.0	1486.5	19125.9	4.3
	-							60.6		.0	1486.7	19503.2	-1.5
1600.0 1620.0	1584.7	2.670	2.558	34.567	27.579	34.951	27.569	60.3	19.309	.0	1486.9	19882,9	2.3
1640.0	1604.4 1624.1	2.664	2.550	34.566	27.579	35.042	27.569	60.4	19.430	.0	1487.2	20264.8	. 3
1660.0	1643.9	2.649 2.586	2.533 2.469	34.568 34.574	27.581 27.592	35.136	27.571	60.2	19.550	.0	1487.5	20649.2	5.2
1680.0	1663.6	2.529	2.411	34.578	27.600	35.239 35.341	27.582 27.590	59.0 58.2	19.670 19.787	٠,٥	1487.6	21035.8	8.8
1700.0	1683.3	2.506	2.387	34.580	27.604	35.436	27.594	57.9	19.903	.0	1487.7 1487.9	21424.8 21816.0	10.8
1720.0	1703.0	2.463	2.344	34.584	27.611	35.535	27.601	57.2	20.018		1488.1	22209.4	2.3
1740.0	1722.7	2.438	2.317	34.586	27.614	35.630	27.604	56.8	20.132	:ŏ	1488.3	22605.1	1.5
1760.0	1742.4	2.423	2.301	34.588	27.617	35.724	27.607	56.6	20.245	.ŏ	1488.6	23002.9	3.0
1780.0	1762.1	2.417	2.293	34.588	27.618	35.815	27.608	56.6	20.359	.0	1488.9	23403.0	-1.1
1800.0	1781.8	2.406	2.281	34.589	27.620	35.908	27.609	56.5	20.472	.0	1489.2	23805.2	2.1
1808.0	1789.7	2.392	2.266	34.591	27.622	35.947	27.612	56.3	20.517	ŏ	1489.2	23966.8	2.1

Station	72	Latitude	32 26.	55'N	Longitu	de 127°	47.99'W	03	May 1991	GMT	3:34	Bottom	530 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht	LTR 0/0		TF m ³ /s ²	N ² 10 ⁶ /s ²
0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.9 39.9 49.8 59.8 69.7 79.7	15.007 14.841 14.790 14.821 14.610 14.461 14.391 14.223 14.2284 14.258	15.007 14.840 14.788 14.817 14.604 14.454 14.382 14.213 14.272 14.245	33.039 33.044 33.068 33.214 33.199 33.207 33.190 33.231 33.241	24.460 24.502 24.511 24.523 24.681 24.701 24.723 24.745 24.765 24.778	kg/m ³ 24.460 24.546 24.556 24.656 24.858 24.922 24.988 25.055 25.176	24.460 24.501 24.510 24.522 24.680 24.700 24.721 24.743 24.775	346.2 342.5 342.0 341.1 326.3 324.7 322.9 321.1 319.5 318.5	J/kg .000 .345 .687 1.029 1.362 1.687 2.011 2.333 2.654 2.973	.00000000000000000000000000000000000000	1505.0 1504.7 1504.6 1504.9 1504.6 1504.2 1503.8 1504.2	1.7 6.9 15.4 27.3 42.5 60.9 82.6 107.4	10 7 8
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.2	14.332 13.337 11.805 11.661 10.667 10.316 9.571 9.349 9.470 9.452	14.317 13.321 11.790 11.645 10.651 10.299 9.554 9.331 9.450 9.431	33.278 33.181 33.071 33.089 33.102 33.132 33.236 33.345 33.484 33.596	24.791 24.920 25.131 25.172 25.360 25.444 25.648 25.770 25.860 25.950	25.233 25.409 25.668 25.754 25.989 26.119 26.372 26.539 26.673 26.809	24.788 24.917 25.128 25.169 25.357 25.441 25.646 25.767 25.856 25.947	317.6 305.3 285.2 281.5 263.6 255.8 234.9 216.7 208.3	3.291 3.605 3.901 4.185 4.457 4.716 4.959 5.186 5.407 5.619	000000000000000000000000000000000000000	1501.5 1496.3 1496.0 1492.6 1491.6 1489.1 1488.6 1489.4	166.6 200.9 238.3 278.6 321.6 367.2 415.3 465.8 518.5 573.3	23.5 233.0 114.1 122.6 168.4 395.8 291.4 21.9 54.6 20.3
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.443 9.365 9.264 9.039 8.863 8.730 8.594 8.354 8.070 7.886	9.420 9.342 9.240 9.015 8.838 8.704 6.567 8.326 8.042 7.857	33.663 33.762 33.833 33.880 33.917 33.953 33.997 33.991 33.991	26.004 26.095 26.166 26.239 26.296 26.345 26.400 26.433 26.476 26.507	26.908 27.044 27.160 27.280 27.383 27.478 27.579 27.658 27.747 27.826	26.001 26.091 26.162 26.236 26.292 26.341 26.396 26.429 26.471 26.503	203.4 195.0 188.4 181.5 176.3 171.7 166.7 163.6 159.6	5.825 6.022 6.214 6.400 6.578 6.752 6.921 7.086 7.248 7.407	0000000000	1489.9 1489.8 1489.1 1488.7 1488.4 1488.1 1487.4	630.2 689.1 749.9 812.6 877.1 943.3 1011.2 1080.8 1152.0 1224.8	141.0 59.6 30.3 126.0 67.1 67.7 80.5 7.3 46.8 26.5
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.769 7.634 7.492 7.411 7.379 7.259 7.112 7.012 6.975 6.812	7.740 7.604 7.461 7.379 7.347 7.225 7.078 6.978 6.940 6.776	34.005 34.005 34.006 34.004 34.008 34.016 34.018 34.017	26.531 26.550 26.572 26.582 26.586 26.607 26.633 26.649 26.653 26.675	27.895 27.961 28.029 28.085 28.135 28.202 28.275 28.337 28.387 28.456	26.526 26.546 26.567 26.578 26.582 26.602 26.628 26.644 26.648 26.670	154.6 152.8 150.8 149.9 149.7 147.8 145.4 144.0 143.7 141.7	7.562 7.716 7.868 8.018 8.168 8.317 8.463 8.608 8.752 8.895	0000000000	1484.9 1484.7 1484.8	1299.1 1375.0 1452.3 1531.2 1611.6 1693.4 1776.7 1861.4 1947.6 2035.2	27.1 15.7 55.8 15.3 39.6 3.6 12.4 4.2
400.0 410.0 420.0 430.0 440.0 450.0 470.0 480.0 490.0	397.7 407.7 417.6 427.5 437.4 447.4 447.3 467.2 477.1 487.0	6.741 6.685 6.670 6.581 6.545 6.314 5.973 5.725 5.388 5.300	6.704 6.648 6.631 6.542 6.505 6.274 5.933 5.685 5.349 5.260	34.021 34.024 34.028 34.031 34.056 34.058 34.070 34.088 34.091	26.688 26.698 26.700 26.715 26.722 26.772 26.817 26.857 26.912 26.925	28.514 28.571 28.619 28.680 28.733 28.831 28.925 29.014 29.118 29.178	26.683 26.693 26.695 26.710 26.717 26.767 26.812 26.852 26.907	140.6 139.7 139.6 138.3 137.7 132.9 128.4 124.5 119.1	9.036 9.176 9.316 9.455 9.593 9.728 9.858 9.985 10.107 10.225	0000000000	1483.3 1483.2 1483.1 1483.1 1483.1 1482.4 1481.2 1480.4 1479.2	2124.2 2214.6 2306.3 2399.5 2494.0 2589.8 2687.0 2785.4 2885.1 2985.9	12.0 2.9 -2.0 23.7 3.8 19.6 10.4 71.0 51.9
502.0	498.9	5.264 5.261	5.224 5.221	34.092 34.093	26.930 26.931	29.229 29.240	26.925 26.926	117.5 117.4	10.343 10.366	.0 .0	1479.0 1479.1	3087.9 3108.5	13.2 .0

Station		Latitude	32° 27	99'N	Longit	ude 127°	51.95'W	03	May 1991	GMT 4	4:30	Bottom	
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht g J/kg	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.8 49.8 59.8 69.7 79.7	14.979 14.885 14.881 15.046 14.925 14.831 15.045 14.828 14.336	14.979 14.880 14.848 14.876 15.040 14.917 14.823 15.034 14.817 14.323	33.067 33.065 33.066 33.088 33.339 33.334 33.405 33.363 33.259	24.488 24.507 24.515 24.526 24.677 24.710 24.736 24.736 24.750	24.488 24.552 24.658 24.853 24.931 24.992 25.044 25.104 25.174	24.488 24.507 24.514 24.525 24.675 24.708 24.725 24.733 24.748 24.772	343.6 342.0 341.6 340.8 326.8 323.9 322.5 322.0 320.9 318.8	.000 .343 .685 1.026 1.359 1.684 2.007 2.329 2.651 2.970	.00	1505.0 1504.8 1504.9 1505.2 1506.1 1505.9 1505.8 1506.7 1506.1 1504.6	.0 1.7 6.8 15.4 27.2 42.4 60.8 82.4 107.2 135.2	.0 12.4 3.6 104.1 58.1 18.6 6.9 17.8 38.8 29.4
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.1	14.305 12.717 11.576 11.195 10.339 9.706 9.316 9.216 9.259 9.310	14.291 12.702 11.562 11.179 10.322 9.690 9.299 9.198 9.239 9.290	33.321 33.125 33.087 33.134 33.138 33.211 33.310 33.433 33.532 33.647	24.830 24.999 25.185 25.291 25.444 25.607 25.748 25.860 25.931 26.013	25.272 25.489 25.723 25.875 26.075 26.285 26.472 26.629 26.746 26.872	24.826 24.996 25.182 25.288 25.441 25.605 25.745 25.745 25.928 26.009	313.9 297.7 280.0 270.1 255.5 240.1 226.8 216.3 209.8 202.3	3.287 3.594 3.881 4.156 4.418 4.665 4.900 5.122 5.335 5.542	0000000000	1504.7 1499.4 1495.5 1494.4 1491.5 1489.5 1488.3 1488.2 1488.7 1489.2	166.3 200.6 237.8 277.8 320.5 365.7 413.3 463.1 515.1	45.2 248.4 51.4 211.2 157.7 40.2 118.6 85.1 194.5
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.8 248.8 258.7 268.6 278.6 288.5	9.249 9.172 8.983 8.9900 8.650 8.513 8.346 8.240 8.139	9.227 9.149 8.960 8.875 8.625 8.487 8.320 8.213 8.111	33.773 33.858 33.915 33.936 33.971 33.984 34.011 34.024 34.031 34.035	26.122 26.201 26.275 26.305 26.371 26.450 26.476 26.497 26.506	27.026 27.150 27.271 27.346 27.459 27.536 27.629 27.701 27.768 27.823	26.118 26.197 26.271 26.301 26.367 26.399 26.446 26.472 26.492 26.501	192.2 184.9 178.0 175.3 169.1 166.2 161.8 159.5 157.6 157.0	5.738 5.927 6.108 6.284 6.456 6.623 6.786 6.947 7.106 7.263	00000000000	1489.3 1488.8 1488.7 1488.0 1487.6 1487.2 1486.8 1486.8	625.2 683.2 743.0 804.6 867.9 932.9 999.5 1067.7 1137.5 1208.8	90.3 109.3 24.9 62.1 48.9 33.1 8.2 43.3 20.4 7.3
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.4 308.4 318.3 328.2 338.2 348.1 358.0 367.9 377.9 387.8	8.004 7.960 7.735 7.435 7.329 7.135 7.036 6.845 6.660 6.530	7.973 7.929 7.703 7.403 7.297 7.102 7.003 6.810 6.625 6.495	34.043 34.048 34.051 34.016 34.013 34.013 34.005 34.006 34.009	26.526 26.537 26.573 26.594 26.603 26.627 26.641 26.660 26.686 26.706	27.889 27.945 28.028 28.097 28.152 28.224 28.283 28.350 28.423 28.490	26.522 26.532 26.568 26.590 26.598 26.623 26.636 26.636 26.681 26.702	155.1 154.3 150.9 148.8 148.1 145.8 144.6 144.7 140.3 138.4	7.419 7.574 7.726 7.876 8.024 8.172 8.317 8.461 8.602 8.741	0000000000	1486.6 1485.9 1484.8 1484.6 1484.0 1483.8 1483.2 1483.2 1482.6 1482.2	1281.8 1356.2 1432.2 1509.7 1588.6 1669.0 1750.8 1834.1 1918.8 2004.9	22.5 47.4 12.5 3.3 12.4 25.5 2.4 38.4 24.9
400.0 410.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1 487.0	6.425 6.380 6.276 6.120 6.094 6.070 6.046 5.898 5.738 5.577	6.390 6.344 6.239 6.083 6.056 6.031 6.006 5.858 5.698 5.536	34.035 34.037 34.046 34.054 34.057 34.057 34.056 34.059 34.071	26.740 26.748 26.768 26.798 26.803 26.806 26.827 26.856 26.876	28.571 28.625 28.691 28.765 28.814 28.865 28.914 28.982 29.126	26.736 26.744 26.764 26.790 26.793 26.799 26.801 26.822 26.851 26.871	135.3 134.6 132.8 130.3 130.1 129.7 129.5 127.5 124.7 122.8	8.878 9.013 9.147 9.278 9.408 9.538 9.668 9.797 9.923		1482.0 1482.0 1481.8 1481.4 1481.4 1481.5 1481.5 1480.6 1480.1	2092.3 2181.1 2271.2 2362.6 2455.3 2549.3 2644.6 2741.2 2839.0 2938.0	20.2 9.0 33.9 7.8 -1.3 6.6 3.7 22.1 65.2
500.0 510.0 520.0 530.0 540.0 550.0 560.0 580.0 590.0	496.9 506.9 516.8 526.7 536.6 546.5 556.4 566.3 576.3	5.535 5.436 5.420 5.335 5.272 5.186 5.152 5.137 5.019 4.921	5.493 5.394 5.377 5.292 5.228 5.142 5.107 5.091 4.973 4.874	34.080 34.082 34.082 34.084 34.096 34.112 34.127 34.127 34.150 34.145 34.151	26.888 26.902 26.904 26.915 26.932 26.955 26.971 26.991 27.001 27.017	29.184 29.244 29.292 29.351 29.414 29.484 29.546 29.661 29.732	26.883 26.897 26.898 26.910 26.927 26.950 26.966 26.985 26.996 27.011	121.7 120.5 120.4 119.3 117.7 115.6 114.2 112.4 111.4	10.168 10.290 10.410 10.530 10.648 10.766 10.880 10.994 11.106 11.216	0000000000	1480.1 1479.9 1480.0 1479.8 1479.7 1479.6 1479.7 1479.4 1479.2	3038.3 3139.7 3242.4 3346.2 3451.2 3557.4 3664.7 3773.1 3882.7 3993.3	8.6 6.3 3.3 11.8 -2.8 16.8 10.9 27.9 28.8
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.7 655.5 665.5 675.4 685.3	4.809 4.770 4.757 4.748 4.710 4.630 4.597 4.585 4.530 4.513	4.762 4.722 4.708 4.699 4.560 4.579 4.546 4.533 4.478 4.460	34.165 34.177 34.182 34.187 34.203 34.223 34.223 34.237 34.236 34.256	27.040 27.054 27.059 27.065 27.085 27.107 27.116 27.123 27.144 27.151	29.803 29.863 29.914 29.966 30.029 30.101 30.157 30.209 30.277 30.330	27.035 27.049 27.054 27.059 27.076 27.101 27.111 27.117 27.138 27.145	107.6 106.4 106.0 105.6 104.0 101.7 100.8 100.3 98.3 97.8	11.325 11.432 11.538 11.644 11.749 11.852 11.953 12.053 12.153 12.251	.00000000000000000000000000000000000000	1478.9 1478.9 1479.0 1479.2 1479.1 1479.1 1479.2 1479.2 1479.2	4105.1 4217.8 4331.7 4446.6 4562.5 4679.4 4797.3 4916.3 50366.2 5157.1	12.1 11.5 2 6.8 17.4 15.0 8.3 6.5 30.8 5.3
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.504 4.499 4.463 4.435 4.429 4.431 4.398 4.353 4.305	4.450 4.444 4.408 4.379 4.373 4.373 4.372 4.339 4.294	34.266 34.267 34.285 34.287 34.288 34.288 34.299 34.314 34.326	27.155 27.156 27.167 27.177 27.180 27.180 27.181 27.193 27.210 27.225	30.380 30.427 30.484 30.540 30.589 30.635 30.681 30.739 30.802 30.864	27.149 27.151 27.161 27.171 27.174 27.174 27.174 27.187 27.203 27.218	97.5 97.5 97.5 95.6 95.6 95.6 92.9 91.5	12.349 12.446 12.543 12.639 12.735 12.830 12.926 13.021 13.115 13.207	0000000000	1479.4 1479.6 1479.6 1479.7 1479.8 1480.0 1480.1 1480.2 1480.2	5278.9 5401.8 5525.5 5650.3 5775.9 5902.5 6030.1 6158.5 6287.9 6418.3	7.4 5.4 11.8 6.2 1.0 1.0 2.5 12.1 11.3 8.3
800.0 810.0 820.0 830.0 840.0 850.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.293 4.281 4.229 4.200 4.153 4.123 4.097 4.056 4.056 4.046	4.232 4.219 4.166 4.137 4.089 4.060 4.033 3.990 3.990 3.979	34.330 34.335 34.353 34.353 34.365 34.371 34.379 34.387 34.386 34.389	27.229 27.234 27.250 27.257 27.272 27.279 27.289 27.299 27.299 27.302	30.914 30.965 31.028 31.081 31.143 31.196 31.252 31.309 31.354 31.404	27.222 27.228 27.243 27.250 27.265 27.273 27.282 27.293 27.292 27.295	91.2 90.8 89.3 88.7 87.2 86.8 84.8 84.9	13.298 13.389 13.479 13.568 13.656 13.743 13.829 13.914 13.999	0000000000	1480.3 1480.4 1480.4 1480.4 1480.4 1480.5 1480.5 1480.5 1480.5	6549.5 6681.6 6814.6 6948.5 7083.2 7218.8 7355.3 7492.6 7630.7	6.3 14.2 3.9 6.6 11.6 20.4 23.9 -1.6 1.0 5.1
900.0 910.0 920.0 930.0 940.0 950.0 970.0 980.0 990.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.037 4.002 3.991 3.921 3.881 3.873 3.868 3.826 3.787 3.756	3.969 3.934 3.922 3.852 3.811 3.803 3.796 3.754 3.715 3.683	34.391 34.397 34.399 34.409 34.417 34.420 34.422 34.433 34.443	27.305 27.313 27.316 27.331 27.342 27.345 27.347 27.360 27.372 27.376	31.452 31.507 31.555 31.617 31.675 31.724 31.772 31.890 31.941	27.298 27.306 27.309 27.324 27.334 27.338 27.340 27.353 27.365 27.369	84.5 83.7 83.6 82.1 81.1 80.8 80.7 79.5 78.4 78.0	14.169 14.253 14.336 14.419 14.501 14.582 14.663 14.743 14.822 14.900	0000000000	1480.9 1481.0 1481.1 1481.0 1481.1 1481.2 1481.3 1481.3	7909.5 8050.1 8191.5 8333.8 8476.9 8620.7 8765.4 8910.8 9057.1 9204.0	55 6.0 9.8 11.6 2.3 13.4 4.9 2.5

Station	73	Latitude	32° 27.	99'N	Longitu	de 127°	51.95'W	03	May 1991	GMT 4	1:30	Bottom	1075 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m ³ /s ²	N ² 10 ⁶ /s ²
1000.0 1020.0 1040.0 1060.0	992.1 1011.9 1031.7 1051.5	3.747 3.685 3.652 3.620	3.673 3.610 3.576 3.542	34.445 34.457 34.464 34.471	27.378 27.394 27.403 27.412	31.988 32.097 32.197 32.298	27.371 27.386 27.395 27.404	77.9 76.4 75.7 75.0	14.978 15.132 15.283 15.434	.0	1481.4 1481.5 1481.7 1481.9	9351.8 9649.6 9950.4 10254.1	4.0 9.3 .2 14.6
1070.0	1061.4	3.569	3.491	34.479	27.423	32,357	27.415	73.9	15.509	.0	1481.9	10407-0	- 0

Station		Latitude	32° 29.	.48'N	Longit	ude 127°	54.81'W	04	May 1991	GMT 8	3:34	Bottom	
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.9 39.8 59.8 69.7 79.7	15.310 14.871 14.828 14.826 14.486 14.382 14.409 14.357 14.325 14.329	15.310 14.870 14.825 14.822 14.481 14.374 14.347 14.347 14.314	33.047 33.061 33.057 33.060 33.180 33.215 33.217 33.232 33.269	24.399 24.506 24.513 24.678 24.678 24.704 24.738 24.757 24.784	24.399 24.550 24.601 24.649 24.925 24.925 24.990 25.048 25.111 25.183	24.399 24.506 24.512 24.515 24.676 24.702 24.723 24.736 24.754 24.782	352.0 342.1 341.8 341.7 326.6 324.4 322.7 321.7 320.3 317.9	.000 .346 .687 1.029 1.365 1.691 2.015 2.337 2.658 2.977	00000000000	1506.0 1504.8 1504.8 1504.9 1504.0 1504.3 1504.3 1504.4 1504.6	.0 1.7 6.9 15.4 27.4 42.6 61.1 82.7 107.6 135.7	.0 13.8 3.6 3.0 63.0 35.8 15.9 22.6 36.4 34.3
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.1	14.108 13.201 11.957 11.419 10.346 9.709 9.489 9.380 9.285 9.338	14.094 13.186 11.942 11.403 10.329 9.692 9.472 9.361 9.266 9.317	33.276 33.170 33.118 33.209 33.196 33.217 33.256 33.401 33.498 33.661	24.836 24.940 25.139 25.309 25.488 25.677 25.809 25.900 26.020	25.279 25.429 25.675 25.892 26.118 26.289 26.401 26.578 26.715 26.878	24.833 24.937 25.136 25.306 25.485 25.609 25.675 25.806 25.897 26.016	313.2 303.5 284.5 268.4 251.4 239.7 233.5 221.2 212.7 201.7	3.293 3.602 3.897 4.175 4.435 4.680 4.918 5.143 5.360 5.569	00000000000	1504.0 1501.0 1496.9 1495.3 1491.6 1489.5 1488.8 1488.8 1489.3	166.9 201.2 238.6 278.8 321.6 366.9 414.7 464.7 517.0 571.3	79.1 99.4 22.2 179.6 230.7 69.2 185.1 591.1 104.9
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.8 238.8 248.8 258.7 268.6 278.6 288.5	9.304 9.174 9.021 8.912 8.762 8.656 8.561 8.391 8.323 8.128	9.282 9.151 8.997 8.888 8.736 8.534 8.363 8.294 8.099	33.690 33.838 33.867 33.910 33.943 33.975 33.988 34.013 34.016 34.038	26.048 26.184 26.232 26.283 26.332 26.374 26.399 26.444 26.457 26.504	26.952 27.134 27.227 27.324 27.419 27.507 27.577 27.669 27.728 27.821	26.044 26.181 26.228 26.279 26.328 26.370 26.395 26.440 26.453 26.500	199.2 186.4 182.1 177.4 172.8 169.0 166.8 161.5 157.1	5.769 5.963 6.147 6.326 6.501 6.672 6.840 7.166 7.326	0000000000	1489.4 1489.3 1488.9 1488.7 1488.3 1488.0 1488.0 1487.5 1487.4 1486.9	627.7 686.0 746.2 808.1 871.9 937.3 1004.4 1073.2 1143.6 1215.6	13.6 75.7 26.7 29.0 46.9 63.6 23.1 24.9 35.7
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	8.030 7.871 7.633 7.544 7.323 7.185 6.697 6.555 6.529 6.364	7.999 7.840 7.602 7.512 7.291 7.152 6.664 6.522 6.495 6.330	34.051 34.048 34.014 34.025 34.016 34.014 34.011 34.022 34.037 34.054	26.529 26.550 26.558 26.579 26.603 26.622 26.685 26.713 26.728 26.763	27.891 27.959 28.014 28.081 28.153 28.218 28.331 28.405 28.466 28.549	26.524 26.545 26.553 26.574 26.599 26.681 26.708 26.724 26.759	154.9 153.0 152.2 150.3 148.0 146.4 140.1 137.5 136.2 132.9	7.482 7.635 7.788 7.940 8.089 8.237 8.380 8.518 8.655 8.790	0000000000	1486.7 1486.2 1485.4 1485.3 1484.6 1484.2 1482.4 1482.0 1482.1 1481.6	1289.1 1364.1 1440.7 1518.8 1598.4 1679.4 1761.9 1845.8 1931.0 2017.6	20.4 18.9 30.9 33.2 38.1 65.0 30.7 5.8 22.2
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1 487.0	6.249 6.118 6.072 5.927 5.852 5.799 5.786 5.758 5.720	6.214 6.083 6.035 5.890 5.815 5.760 5.747 5.718 5.679 5.631	34.051 34.049 34.046 34.048 34.055 34.056 34.061 34.068 34.074	26.776 26.791 26.796 26.813 26.824 26.836 26.838 26.846 26.856 26.856	28.608 28.670 28.721 28.785 28.842 28.901 28.948 29.002 29.058 29.115	26.771 26.787 26.792 26.809 26.819 26.831 26.833 26.841 26.851 26.861	131.8 130.3 129.9 128.3 127.4 126.3 126.2 125.6 124.7 123.8	8.922 9.053 9.183 9.312 9.440 9.567 9.693 9.819 9.944 10.068	.0000000000	1481.3 1481.0 1481.0 1480.5 1480.4 1480.5 1480.5 1480.5 1480.5	2105.5 2194.7 2285.2 2376.9 2470.0 2564.3 2659.8 2756.6 2854.6 2953.9	14.3 32.4 10.7 4.2 19.8 4.2 2.8 2.5 8.4 20.9
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	496.9 506.9 516.8 526.7 536.6 546.5 556.4 566.3 576.3	5.556 5.502 5.363 5.241 5.221 5.114 5.024 4.886 4.837	5.514 5.460 5.321 5.198 5.177 5.070 4.979 4.933 4.841 4.790	34.080 34.083 34.080 34.095 34.106 34.112 34.121 34.137 34.149	26.886 26.895 26.909 26.925 26.937 26.958 26.974 26.986 27.009 27.025	29.181 29.237 29.299 29.362 29.420 29.488 29.551 29.610 29.679 29.741	26.881 26.889 26.904 26.920 26.932 26.953 26.969 26.981 27.004 27.019	122.0 121.2 119.8 118.2 117.2 115.2 113.7 112.6 110.5	10.191 10.313 10.433 10.553 10.670 10.787 10.901 11.014 11.125 11.235	.0000000000	1480.2 1480.2 1479.8 1479.4 1479.5 1479.1 1479.1 1479.1 1478.9 1478.8	3054.3 3156.0 3258.9 3363.0 3468.2 3574.6 3682.1 3790.7 3900.5 4011.3	10.1 11.2 22.9 17.1 32.0 9.4 36.1 15.3 23.5
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.7 645.7 655.6 665.5 675.4 685.3	4.811 4.803 4.772 4.742 4.691 4.669 4.587 4.531 4.540 4.462	4.764 4.755 4.723 4.693 4.641 4.618 4.536 4.480 4.487 4.409	34.163 34.172 34.188 34.194 34.204 34.218 34.224 34.233 34.246 34.261	27.039 27.047 27.063 27.071 27.084 27.098 27.112 27.125 27.135 27.155	29.802 29.855 29.918 29.972 30.032 30.092 30.153 30.213 30.267 30.335	27.033 27.041 27.058 27.066 27.079 27.093 27.107 27.120 27.129 27.149	107.8 107.1 105.7 105.0 103.8 102.5 101.2 100.0 99.2 97.3	11.343 11.451 11.557 11.663 11.767 11.870 11.972 12.073 12.172 12.270	0000000000	1478.9 1479.1 1479.1 1479.2 1479.1 1479.2 1479.1 1479.0 1479.2 1479.1	4123.2 4236.2 4350.2 4465.3 4581.4 4698.5 4816.6 4935.8 5055.9 5176.9	5.9 15.6 14.4 19.1 7.1 14.4 17.0 15.3 20.3
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0	695.2 705.1 715.0 724.9 734.8 754.6 764.5 774.4 784.3	4.446 4.398 4.376 4.369 4.317 4.370 4.326 4.321 4.281 4.244	4.393 4.344 4.321 4.314 4.260 4.313 4.268 4.263 4.222 4.184	34.265 34.274 34.282 34.295 34.297 34.314 34.310 34.320 34.333 34.344	27.160 27.173 27.182 27.192 27.200 27.208 27.209 27.218 27.232 27.245	30.386 30.445 30.500 30.556 30.610 30.663 30.712 30.765 30.826 30.886	27.154 27.167 27.176 27.186 27.194 27.201 27.203 27.211 27.226 27.239	96.9 95.7 94.9 94.1 93.4 92.7 92.0 90.6 89.5	12.367 12.464 12.559 12.653 12.747 12.840 12.933 13.026 13.117 13.207	0000000000	1479.2 1479.2 1479.2 1479.4 1479.3 1479.8 1479.7 1479.9 1479.9	5299.0 5422.0 5545.9 5670.8 5796.6 5923.3 6050.9 6179.4 6308.9 6439.2	11.2 9.1 10.0 5.4 5.6 1.0 1.3 20.6 7.4 4.5
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 890.0	794.2 804.1 814.0 823.9 833.8 853.6 863.5 873.4 883.3	4.220 4.206 4.179 4.1135 4.113 4.083 4.063 4.031 4.017 3.983	4.159 4.144 4.117 4.072 4.050 4.019 3.999 3.966 3.951 3.917	34.348 34.352 34.356 34.365 34.372 34.379 34.383 34.390 34.393 34.400	27.251 27.255 27.262 27.274 27.281 27.291 27.296 27.305 27.309 27.317	30.937 30.988 31.041 31.099 31.153 31.208 31.260 31.315 31.365 31.420	27.244 27.249 27.256 27.267 27.275 27.284 27.289 27.298 27.302 27.310	86.3 85.5 85.0 84.2 83.9	13.296 13.385 13.473 13.560 13.647 13.733 13.818 13.903 13.987 14.071	0000000000	1480.0 1480.1 1480.2 1480.2 1480.2 1480.3 1480.4 1480.4 1480.5	6570.4 6702.5 6835.4 6969.2 7103.9 7239.4 7375.8 7513.0 7651.0 7789.8	1.9 1.6 18.6 17.7 3.6 6.0 11.3
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0 990.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.3 982.2	3.952 3.951 3.919 3.908 3.892 3.852 3.872 3.774 3.735 3.710	3.885 3.883 3.851 3.839 3.822 3.782 3.737 3.703 3.663 3.638	34.406 34.414 34.416 34.419 34.426 34.432 34.438 34.443 34.443	27.326 27.326 27.338 27.338 27.342 27.352 27.361 27.369 27.378 27.384	31.475 31.521 31.576 31.625 31.675 31.731 31.787 31.841 31.897 31.949	27.319 27.319 27.329 27.331 27.335 27.344 27.354 27.362 27.370 27.377	82.4 81.6 81.4 81.0 80.2 79.3 78.6 77.7	14.154 14.236 14.318 14.400 14.481 14.561 14.641 14.720 14.798 14.876	0000000000	1480.6 1480.8 1480.8 1480.9 1481.0 1481.0 1481.0 1481.0	7929.5 8069.9 8211.2 8353.3 8496.1 8639.8 8784.2 8929.5 9075.5 9222.2	12.5 7 1.0 6.6 9.6 3.7 8.7 11.3 7.5

Station	74	Latitude	32. 29.	48'N	Longitu	de 127°	54.81'W	04	May 1991	GMT	8:34	Bottom	2835 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn.Ht	LTR	sv	m ³ /s ²	N ²
đb	m	•c	·c	0/00	kg/m ³	kg/m ³	kg/m ³	$10^8 m^3/kg$	J/kg	0/0	m/s	m ³ /s ²	$10^6/s^2$
1000.0	992.1	3.701	3.628	34.450	27.386	31.997	27.379	77.0	14.953	.0	1481.2	9369.7	11.9
1020.0	1011.9	3.657	3.583	34.459	27.398	32.101	27.390	76.0	15.106	.0		9667.0	4.3
1040.0 1060.0	1031.7 1051.5	3.614	3.539	34.469	27.410	32.206	27.403	74.9	15.256	.0		9967.2 10270.4	4.9 6.7
1080.0	1071.2	3.578 3.551	3.500 3.473	34.477 34.482	27.420 27.427	32.308 32.407	27.413 27.420	74.1 73.5	15.405 15.553	.0		10576.5	4.6
1100.0	1091.0	3.514	3.434	34.487	27.435	32.506	27.427	72.9	15.700	.ŏ	1482.2	10885.5	3.2
1120.0	1110.8	3.450	3.368	34.493	27.446	32.611	27.438	71.8	15,844	.0	1482.2	11197.3	3.8
1140.0	1130.6	3.413	3.330	34.500	27.455	32.712	27.447	71.0	15.987	.0		11511.9	4.7
1160.0 1180.0	1150.3 1170.1	3.354 3.301	3.270 3.216	34.507 34.510	27.466 27.474	32.816 32.917	27.458 27.466	70.0 69.2	16.128 16.268	.0		11829.3 12149.4	6.7 6.4
					-	-	-						-
1200.0 1220.0	1189.8 1209.6	3.286 3.238	3.200 3.150	34.513 34.517	27.478 27.486	33.012 33.112	27.469 27.478	69.0 68.3	16.406 16.543	.0	1482.9 1483.0	12472.2 12797.8	2.9 2.9
1240.0	1229.3	3.225	3.137	34.519	27.488	33.206	27.480	68.1	16.679	:ŏ		13126.0	3.8
1260.0	1249.1	3.184	3.093	34.525	27.498	33.308	27.489	67.3	16.815	.0	1483.4	13456.8	2.1
1280.0	1268.9	3.135	3.043	34.529	27.505	33.408	27.497	66.6	16.949	٠.		13790.3	2.1
1300.0 1320.0	1288.6 1308.4	3.112 3.074	3.019 2.980	34.530 34.534	27.508 27.515	33.503 33.602	27.500 27.507	66.4 65.7	17.082 17.214	.0	1483.8 1484.0	14126.3 14465.0	3.9 3.9
1340.0	1328.1	3.036	2.941	34.537	27.521	33.700	27.513	65.2	17.345	:ŏ		14806.2	5.3
1360.0	1347.9	2.986	2.890	34.541	27.529	33.800	27.520	64.5	17.475	.ŏ	1484.3	15150.0	5.1
1380.0	1367.6	2.960	2.863	34.543	27.533	33.896	27.524	64.1	17.603	.0	1484.5	15496.3	4.2
1400.0	1387.3	2.933	2.834	34.544	27.536	33,991	27.527	63.9	17,731	.0	1484.7	15845.1	3.6
1420.0	1407.1	2.914	2.814	34.546	27.540	34.086	27.531	63.6	17.859	.0	1485.0	16196.3	1.0
1440.0	1426.8	2.889	2.787	34.549	27.544	34.182	27.535	63.3	17.986	.0	1485.2	16550.1	2
1460.0 1480.0	1446.6 1466.3	2.853	2.750	34.552	27.550	34.280	27.541	62.7 62.0	18.111	٠.		16906.3 17264.9	4.2 3.7
1500.0	1486.0	2.810 2.767	2.706 2.662	34.556 34.559	27.557 27.563	34.380 34.479	27.548 27.554	61.4	18.236 18.360	.0		17626.0	6.6
1520.0	1505.8	2.716	2.610	34.564	27.572	34.579	27.562	60.6	18.482	.ŏ		17989.4	i
1540.0	1525.5	2.679	2.572	34.567	27.577	34.678	27.568	60.0	18.603	.0	1486.0	18355.2	-1.9
1560.0	1545.2	2.650	2.541	34.569	27.581	34.773	27.572	59.7	18.723	.0		18723.4	5.8
1580.0	1564.9	2.634	2.523	34.571	27.585	34.868	27.575	59.4	18.842	.0		19093.8	2.0
1600.0	1584.7	2.604	2.492	34.573	27.589	34.964	27.580	59.0	18.960	.0	1486.7	19466.6	1.7
1620.0	1604.4	2.579 2.537	2.466	34.576	27.594	35.060	27.584	58.6	19.077	.0	1486.9 1487.1	19841.7	5.2 2.6
1640.0 1660.0	1624.1 1643.8	2.520	2.423	34.580 34.580	27.601 27.602	35.159 35.253	27.591 27.593	57.9 57.8	19.194 19.310	.0		20219.0 20598.6	1.7
1680.0	1663.5	2.497	2.381	34,582	27.606	35.347	27.596	57.5	19.425	.ŏ		20980.4	ö
1700.0	1683.2	2.468	2.350	34.585	27.611	35.444	27.601	57.1	19.540	.0	1487.8	21364.5	.9
1720.0	1702.9	2.443	2.323	34.587	27.615	35.540	27.605	56.7	19.653	.0	1488.0	21750.7	4.4
1740.0 1760.0	1722.7 1742.4	2.401 2.384	2.280 2.262	34.590 34.592	27.621 27.624	35.638 35.732	27.611 27.614	56.0 55.8	19.766 19.878	.0		22139.2 22529.8	9 9
1780.0	1762.1	2.363	2.240	34.595	27.627	35.827	27.617	55.5	19.989	ĕ		22922.6	3.8
1800.0	1781.8	2.332	2.207	34.597	27.632	35.924	27.622	55.0	20.100	.0	1488.9	23317.5	.9
1820.0	1801.5	2.311	2.185	34.598	27.635	36.018	27.624	54.8	20.210	.0		23714.6	4.5
1840.0	1821.2	2.303	2.176	34.599	27.636	36.110	27.626	54.7	20.319	.0	1489.4	24113.8	8
1860.0	1840.9	2.281	2.152	34.601	27.640	36.205	27.629	54.4	20.428	.0		24515.1	2
1880.0	1860.6	2.259	2.129	34.603 34.606	27.643	36.300	27.633	54.1	20.537	.0		24918.6 25324.1	3.9
1900.0 1920.0	1880.3 1899.9	2.222 2.206	2.091 2.073	34.608	27.649 27.652	36.398 36.491	27.638 27.641	53.5 53.3	20.645 20.751	.0		25731.7	3.1
1940.0	1919.6	2.182	2.047	34.610	27.655	36.586	27.644	52.9	20.858	.0	1490.6	26141.3	-1.0
1960.0	1939.3	2.180	2.044	34.611	27.656	36.677	27.645	52.9	20.963	.0	1490.9	26553.0	4
1980.0	1959.0	2.161	2.024	34.612	27.659	36.771	27.648	52.7	21.069	.0	1491.1	26966.7	3.1
2000.0	1978.7	2.128	1.989	34.616	27.665	36.868	27.654	52.1	21.174	.0		27382.5	1.7
2050.0	2027.9	2.085	1.943	34.619	27.671	37.102	27.660	51.5	21.433	.0		28430.7	2.3
2096.0	2073.2	2.026	1.880	34.625	27.681	37.322	27.670	50.5	21.668	.0	1492.5	29406.0	.0

Station		Latitude	32° 32.			ude 128°			May 1991				4440 m
Pres.	Depth	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /k	Dyn.Ht g J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.173 15.048 14.997 14.985 14.795 14.512 14.460 14.292 14.197	15.173 15.046 14.994 14.980 14.979 14.787 14.503 14.450 14.280 14.184	33.151 33.143 33.139 33.210 33.249 33.216 33.220 33.245 33.278	24.510 24.531 24.543 24.598 24.669 24.704 24.718 24.773 24.819	24.510 24.575 24.628 24.675 24.774 24.889 25.028 25.127 25.218	24.510 24.531 24.539 24.542 24.597 24.667 24.702 24.716 24.771 24.817	341.4 339.7 339.2 339.2 334.3 327.8 324.7 323.6 318.7 314.6	.000 .341 .680 1.019 1.357 1.688 2.014 2.338 2.660 2.977	0000000000	1505.7 1505.4 1505.5 1505.8 1505.4 1504.6 1504.6 1504.3	.0 1.7 6.8 15.3 27.1 42.3 60.7 82.4 107.3 135.3	.0 15.6 1.9 5.7 63.1 34.1 16.2 22.9 58.3 47.5
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2	13.955 13.304 11.541 10.728 10.223 9.850 9.658 9.396 9.419 9.242	13.941 13.289 11.526 10.713 10.207 9.833 9.640 9.378 9.399 9.221	33.266 33.232 33.041 33.044 33.170 33.224 33.273 33.449 33.519	24.861 24.967 25.1304 25.430 25.552 25.606 25.840 25.924	25.304 25.456 25.694 25.888 26.061 26.348 26.475 26.654 26.783	24.858 24.964 25.153 25.301 25.427 25.549 25.623 25.703 25.837 25.921	310.9 300.9 282.8 268.8 256.9 245.4 238.5 231.0 218.5 210.7	3.289 3.597 3.886 4.166 4.430 4.681 4.924 5.158 5.383 5.600	00000000000	1503.5 1501.5 1495.4 1492.6 1491.0 1489.9 1488.5 1488.7 1488.8	166.5 200.8 238.1 278.2 320.9 366.3 414.0 464.2 516.6 571.2	58.6 295.1 28.2 291.9 100.3 64.2 141.2 37.2 78.5 128.9
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.6 278.6 288.5	9.205 9.224 9.184 9.118 9.056 8.820 8.737 8.595 8.448 8.340	9.184 9.201 9.160 9.094 9.030 8.793 8.709 8.567 8.419 8.311	33.663 33.767 33.834 33.893 33.932 33.977 33.978 34.001 34.011 34.023	26.042 26.121 26.180 26.278 26.278 26.350 26.364 26.404 26.404	26.947 27.070 27.175 27.277 27.363 27.481 27.541 27.628 27.704 27.776	26.039 26.117 26.176 26.233 26.273 26.346 26.359 26.400 26.430 26.456	199.7 192.5 187.0 181.8 178.2 171.4 170.2 166.5 163.8 161.4	5.805 6.001 6.192 6.376 6.556 6.729 6.900 7.069 7.233 7.396	0000000000	1489.0 1489.4 1489.5 1489.5 1489.4 1488.8 1488.6 1488.3 1487.9 1487.7	627.9 686.6 747.2 809.7 873.9 939.9 1007.6 1077.0 1148.0 1220.7	107.5 34.0 90.9 37.6 78.3 20.8 21.7 55.7 7.3 17.3
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	8.260 8.080 7.866 7.763 7.651 7.508 7.455 7.291 7.074 6.853	8.230 8.048 7.834 7.731 7.617 7.474 7.420 7.256 7.038 6.817	34.038 34.046 34.055 34.059 34.067 34.072 34.070 34.067 34.067	26.485 26.518 26.556 26.575 26.598 26.617 26.629 26.651 26.679 26.704	27.846 27.925 28.010 28.075 28.145 28.210 28.268 28.337 28.412 28.485	26.480 26.513 26.551 26.570 26.594 26.612 26.624 26.674 26.700	159.3 156.2 152.6 150.9 148.8 147.0 146.0 144.0 141.4 138.9	7.556 7.714 7.868 8.020 8.170 8.318 8.464 8.609 8.752 8.892	00000000000	1487.5 1487.0 1486.4 1486.2 1485.9 1485.5 1485.5 1485.3 1483.6	1294.9 1370.8 1448.2 1527.0 1607.4 1689.3 1772.6 1857.3 1943.5 2031.1	30.1 71.4 18.1 32.4 33.3 21.8 16.3 13.3
400.0 410.0 420.0 430.0 440.0 450.0 460.0 480.0 490.0	397.7 407.7 417.6 427.5 437.4 447.4 457.3 467.2 477.1 487.0	6.618 6.613 6.419 6.300 6.190 6.061 5.960 5.924 5.835 5.858	6.582 6.576 6.382 6.262 6.151 6.022 5.920 5.884 5.794 5.816	34.041 34.063 34.054 34.044 34.053 34.057 34.058 34.065 34.090	26.720 26.738 26.756 26.764 26.782 26.801 26.817 26.823 26.839 26.857	28.548 28.612 28.677 28.732 28.796 28.926 28.926 28.927 29.041 29.103	26.715 26.733 26.751 26.759 26.777 26.796 26.813 26.818 26.834 26.852	137.4 135.8 134.1 133.3 131.7 129.8 128.3 127.9 126.4 124.9	9.031 9.167 9.302 9.436 9.568 9.699 9.828 9.956 10.083	0000000000	1482.8 1483.0 1482.4 1482.0 1481.8 1481.4 1481.2 1481.0 1481.3	2120.0 2210.3 2302.0 2394.9 2489.2 2584.8 2681.7 2779.8 2879.2 2979.8	16.4 17.3 13.7 10.2 27.5 19.8 2.8 15.1 30.1
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.6 546.5 556.5 566.4 576.3	5.780 5.774 5.627 5.584 5.553 5.460 5.235 5.134 5.048 5.004	5.737 5.730 5.583 5.539 5.508 5.414 5.088 5.001 4.957	34.100 34.112 34.122 34.133 34.128 34.114 34.120 34.121 34.131	26.875 26.985 26.903 26.916 26.928 26.936 26.951 26.967 26.979 26.992	29.167 29.223 29.289 29.348 29.466 29.461 29.525 29.588 29.646 29.706	26.869 26.880 26.898 26.910 26.923 26.930 26.945 26.962 26.973 26.986	123.3 122.5 120.7 119.6 118.5 117.8 116.2 114.6 113.6 112.4	10.333 10.456 10.577 10.697 10.817 10.935 11.052 11.167 11.281 11.395	0000000000	1481.2 1481.3 1480.9 1480.9 1480.7 1479.7 1479.7 1479.5	3081.7 3184.8 3289.1 3394.6 3501.3 3609.1 3718.1 3828.3 3939.6 4052.0	9.3 18.4 22.7 5.4 11.0 15.7 4.2 17.4 12.7 18.8
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.7 655.6 665.5 675.4 685.3	4.909 4.792 4.749 4.716 4.688 4.650 4.615 4.604 4.587 4.566	4.862 4.744 4.701 4.667 4.638 4.600 4.564 4.552 4.535 4.513	34.147 34.152 34.155 34.169 34.182 34.194 34.209 34.213 34.220 34.230	27.015 27.039 27.039 27.054 27.067 27.081 27.097 27.102 27.109 27.119	29.776 29.840 29.894 29.956 30.015 30.138 30.188 30.241 30.297	27.010 27.026 27.034 27.049 27.062 27.076 27.092 27.096 27.103 27.113	110.2 108.5 107.9 106.5 105.3 104.1 102.6 102.3 101.7 100.8	11.506 11.615 11.723 11.830 11.936 12.041 12.144 12.247 12.349 12.450	.0000000000	1479.3 1479.0 1479.0 1479.0 1479.1 1479.1 1479.2 1479.3 1479.4	4165.5 4280.1 4395.7 4512.4 4630.2 4749.0 4868.8 4989.7 5111.5 5234.4	17.1 7.4 6.2 12.7 3.6 10.3 9.4 8 13.0 9.2
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.561 4.518 4.460 4.403 4.432 4.434 4.406 4.382 4.362 4.297	4.507 4.463 4.405 4.347 4.375 4.376 4.348 4.323 4.302 4.237	34.232 34.240 34.251 34.262 34.277 34.288 34.299 34.302 34.306 34.316	27.122 27.132 27.148 27.163 27.172 27.181 27.192 27.197 27.202 27.218	30.346 30.403 30.465 30.526 30.581 30.635 30.692 30.744 30.795 30.857	27.116 27.127 27.142 27.156 27.166 27.174 27.185 27.191 27.196 27.211	100.7 99.7 98.3 96.9 96.2 95.5 94.5 94.0 93.6 92.1	12.551 12.651 12.750 12.848 12.944 13.040 13.135 13.229 13.323 13.416	0000000000	1479.6 1479.6 1479.5 1479.5 1479.8 1480.0 1480.0 1480.1 1480.2 1480.1	5358.2 5483.0 5608.9 5735.6 5863.4 5992.0 6121.7 6252.2 6383.7 6516.1	2.4 8.6 5.9 13.9 9.2 13.0 7.4 4.2 3.6
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.289 4.267 4.259 4.234 4.199 4.176 4.125 4.098 4.056	4.228 4.206 4.196 4.171 4.135 4.111 4.094 4.060 4.031 3.990	34.321 34.329 34.332 34.351 34.351 34.357 34.363 34.371 34.373 34.385	27.222 27.231 27.234 27.244 27.256 27.264 27.270 27.279 27.285 27.298	30.908 30.962 31.011 31.068 31.125 31.180 31.232 31.288 31.339	27.216 27.225 27.228 27.238 27.249 27.257 27.263 27.273 27.278 27.291	91.8 91.0 90.8 89.9 88.9 88.2 86.8 86.4	13.508 13.600 13.691 13.781 13.870 13.959 14.047 14.134 14.220 14.306		1480.2 1480.3 1480.5 1480.5 1480.6 1480.6 1480.7 1480.8 1480.8	6649.4 6783.6 6918.6 7054.6 7191.5 7329.2 7467.8 7607.3 7747.6 7888.8	3.4 10.1 1.0 20.4 4.3 5.1 7.5 8.4 9.5
900.0 910.0 920.0 930.0 940.0 950.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.032 4.017 3.960 3.936 3.978 3.878 3.815 3.776	3.965 3.949 3.891 3.867 3.808 3.783 3.743 3.716 3.703	34.389 34.405 34.412 34.417 34.423 34.425 34.435 34.435 34.438	27.304 27.309 27.324 27.332 27.339 27.347 27.351 27.360 27.365 27.369	31.451 31.502 31.564 31.618 31.671 31.726 31.776 31.832 31.883 31.933	27.297 27.302 27.317 27.325 27.332 27.340 27.344 27.353 27.358 27.362	84.6 84.2 82.7 82.0 81.4 80.3 79.5 79.0 78.7	14.391 14.475 14.559 14.641 14.723 14.804 14.884 14.964 15.043	0000000000	1480.9 1481.0 1481.0 1481.1 1481.1 1481.2 1481.2 1481.3 1481.4	8030.7 8173.6 8317.2 8461.7 8606.9 8753.0 8899.8 9047.5 9195.9 9345.1	1.9 14.8 15.1 11.9 5.5 8.7 4.9 6.9

Station	75	Latitude	32. 32.	05'ห	Longitu	de 128°	02.57'W	04	May 1991	GMT 10	:51	Bottom	4440 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn.Ht	LTR	sv	TF m ³ /s ²	N ²
db	m	•c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	$10^8 m^3/kg$	J/kg	0/0	m/s	m ^y /s ²	10°/s²
1000.0 1020.0 1040.0 1060.0 1100.0 1120.0 1140.0 1160.0	992.2 1011.9 1031.7 1051.5 1071.3 1091.0 1110.8 1130.6 1150.3	3.760 3.722 3.705 3.641 3.600 3.559 3.518 3.422 3.386	3.686 3.647 3.629 3.564 3.521 3.479 3.436 3.340 3.302	34.440 34.447 34.456 34.460 34.468 34.474 34.480 34.492 34.497	27.373 27.382 27.391 27.401 27.411 27.420 27.429 27.448 27.456	31.983 32.083 32.184 32.287 32.389 32.491 32.592 32.705 32.804	27.366 27.374 27.383 27.403 27.412 27.421 27.440 27.448	78.4 77.7 76.9 76.0 75.1 74.4 73.6 71.7 71.0	15.201 15.357 15.511 15.664 15.815 15.965 16.112 16.258 16.401	000000000	1481.5 1481.7 1481.9 1482.0 1482.2 1482.3 1482.5 1482.4 1482.6	9495.0 9797.3 10102.5 10410.8 10722.0 11036.2 11353.2 11673.2 11996.0	4.9 7.2 3.7 6.1 3.8 4.1 8.5 5.7
1180.0	1170.1	3.352	3.267	34.501	27.462	32.903	27.454	70.5	16.542	.ŏ	1482.8	12321.5	10.2
1200.0 1220.0 1240.0 1260.0 1300.0 1320.0 1340.0 1360.0 1380.0	1189.9 1209.6 1229.4 1249.1 1268.9 1308.4 1328.1 1347.9 1367.6	3.316 3.282 3.239 3.206 3.170 3.138 3.109 3.078 3.033 2.990	3.230 3.194 3.150 3.115 3.078 3.045 3.014 2.982 2.937 2.892	34.508 34.511 34.515 34.519 34.522 34.526 34.528 34.531 34.535 34.539	27.471 27.477 27.485 27.490 27.496 27.503 27.507 27.513 27.520 27.527	33.004 33.102 33.202 33.300 33.398 33.496 33.592 33.690 33.789 33.889	27.468 27.468 27.476 27.482 27.488 27.494 27.504 27.511 27.518	69.7 69.5 68.0 67.5 67.0 66.1 65.5 64.8	16.682 16.821 16.959 17.096 17.231 17.366 17.500 17.632 17.764 17.894	0000000000	1483.0 1483.2 1483.3 1483.5 1483.7 1484.1 1484.3 1484.5 1484.6	12649.8 12980.8 13314.5 13650.9 13989.9 14331.6 14675.9 15022.8 15372.3 15724.3	1.2 9.3 5.3 5.3 3.9 1.6 4.8
1400.0 1420.0 1440.0 1460.0 1500.0 1520.0 1540.0 1560.0 1580.0	1387.4 1407.1 1426.8 1446.6 1466.3 1486.1 1505.8 1525.5 1545.2 1565.0	2.954 2.907 2.895 2.856 2.817 2.792 2.751 2.728 2.692 2.662	2.854 2.807 2.793 2.753 2.713 2.686 2.645 2.619 2.583 2.552	34.544 34.550 34.552 34.554 34.559 34.563 34.564 34.567 34.569	27.534 27.542 27.545 27.555 27.555 27.561 27.568 27.571 27.577	33.988 34.089 34.183 34.280 34.378 34.475 34.574 34.669 34.767 34.863	27.525 27.533 27.536 27.540 27.552 27.552 27.559 27.562 27.567 27.571	64.2 63.3 63.2 62.8 62.2 61.7 61.1 60.8 60.3 59.9	18.023 18.151 18.278 18.404 18.529 18.653 18.775 18.897 19.018 19.139	0000000000	1484.8 1484.9 1485.2 1485.4 1485.8 1485.8 1486.0 1486.2 1486.4 1486.6	16078.8 16435.8 16795.4 17157.3 17521.7 17888.6 18257.8 18629.4 19003.4 19379.7	3.3 6.5 2.5 3.4 2.2 3.7 3.7
1600.0 1620.0 1640.0 1660.0 1700.0 1720.0 1740.0 1760.0 1780.0	1584.7 1604.4 1624.1 1643.8 1663.6 1683.3 1703.0 1722.7 1742.4 1762.1	2.634 2.586 2.549 2.523 2.501 2.474 2.447 2.416 2.387 2.365	2.522 2.473 2.435 2.407 2.384 2.355 2.328 2.295 2.265 2.241	34.571 34.575 34.578 34.580 34.582 34.585 34.587 34.589 34.592	27.585 27.593 27.598 27.602 27.606 27.610 27.614 27.618 27.624 27.627	34.959 35.059 35.157 35.252 35.347 35.443 35.539 35.635 35.732 35.827	27.576 27.583 27.588 27.592 27.596 27.600 27.604 27.608 27.613 27.617	59.5 58.2 57.9 57.6 57.6 55.9 55.9	19.258 19.376 19.493 19.609 19.724 19.839 19.953 20.066 20.178 20.290	0000000000	1486.8 1486.9 1487.1 1487.3 1487.6 1487.8 1488.0 1488.2 1488.4 1488.7	19758.3 20139.3 20522.5 20908.0 21295.7 21685.6 22077.8 22472.2 22868.7 23267.4	4.9 4.3 3.21 3.53 4.4 3.8
1800.0 1820.0 1840.0 1860.0 1900.0 1920.0 1940.0 1960.0	1781.8 1801.5 1821.2 1840.9 1860.6 1880.3 1900.0 1919.7 1939.3 1959.0	2.345 2.322 2.295 2.273 2.254 2.240 2.210 2.191 2.171 2.153	2.220 2.196 2.168 2.144 2.124 2.108 2.077 2.057 2.035 2.016	34.595 34.597 34.600 34.601 34.603 34.604 34.608 34.608 34.611 34.611	27.629 27.633 27.638 27.641 27.643 27.651 27.653 27.657 27.660	35.921 36.016 36.112 36.206 36.300 36.394 36.490 36.583 36.679 36.773	27.619 27.623 27.627 27.630 27.633 27.635 27.640 27.642 27.646	55.3 55.0 54.6 54.3 54.1 53.9 53.3 53.2 52.8 52.8	20.401 20.511 20.621 20.730 20.838 20.946 21.053 21.159 21.265 21.371	0000000000	1488.9 1489.1 1489.4 1489.6 1489.9 1490.1 1490.3 1490.6 1490.9	23668.3 24071.3 24476.4 24883.7 25293.0 25704.5 26118.0 26533.6 26951.2 27370.9	4.5 3.6 5 1.9 3.9 3.9 7
2000.0 2050.0 2098.0	1978.7 2027.9 2075.1	2.126 2.082 2.044	1.987 1.940 1.898	34.615 34.619 34.623	27.664 27.671 27.678	36.868 37.103 37.327	27.653 27.660 27.666	52.1 51.5 50.9	21.475 21.734 21.980	.0 .0	1491.3 1492.0 1492.6	27792.6 28855.6 29887.8	-1.6 1.1 .0

Station		Latitude	32° 10		Longit	ude 128°	32.15'W	04	4 May 1991	GMT 1	5:24	Bottom	
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-(kg/m ³	9 Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /k	Dyn.Ht g J/kg	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
20.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.891 15.787 15.459 15.424 15.442 15.443 15.379 16.086 15.887	15.891 15.785 15.709 15.454 15.435 15.434 15.369 16.074 15.873	33.492 33.486 33.472 33.510 33.544 33.568 33.574 33.836 33.790	24.613 24.637 24.695 24.733 24.755 24.775 24.779 24.837 24.846	24.613 24.681 24.737 24.827 24.909 24.975 25.011 25.188 25.242	24.613 24.637 24.649 24.694 24.731 24.753 24.772 24.790 24.834 24.843	331.6 329.6 328.8 324.7 321.5 319.6 318.2 316.7 312.9 312.3	.000 .332 .661 .988 1.312 1.632 1.951 2.269 2.583 2.895	000000000000000000000000000000000000000	1508.3 1508.2 1508.1 1507.5 1507.6 1507.8 1508.0 1508.0 1508.0 1510.7	.0 1.7 6.6 14.8 26.3 40.9 58.8 79.8 103.9 131.2	.0 73.2 3.8 68.7 72.6 9.6 14.3 31.9 8.3 16.5
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.2	15.698 15.518 14.866 13.635 12.893 12.353 11.888 10.538 10.314 9.609	15.683 15.502 14.848 13.616 12.874 11.868 10.519 10.293 9.588	33.766 33.765 33.690 33.595 33.549 33.549 33.467 33.486 33.488	24.871 24.910 24.996 25.181 25.317 25.480 25.667 25.720 25.840	25.311 25.394 25.5758 25.758 25.940 26.068 26.195 26.431 26.530 26.698	24.868 24.907 24.992 25.177 25.313 25.396 25.476 25.663 25.717 25.837	310.2 306.7 298.8 281.2 268.4 260.6 253.1 235.1 230.2 218.8	3.206 3.516 3.819 4.111 4.388 4.653 4.910 5.154 5.388 5.613	0000000000	1509.7 1509.3 1507.3 1503.3 1501.0 1499.3 1497.8 1493.1 1492.5 1490.1	161.6 195.1 231.6 271.1 313.4 358.4 405.9 456.0 508.4 563.1	9.1 91.4 7.0 177.7 144.8 63.6 79.6 35.1 124.1 100.6
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.8 258.7 268.7 278.6 288.5	9.357 9.157 8.934 8.703 8.570 8.498 8.423 8.274 8.045 7.819	9.335 9.134 8.911 8.678 8.545 8.472 8.396 8.247 8.017 7.790	33.532 33.611 33.730 33.837 33.938 33.973 33.986 33.997 34.000	25.915 26.010 26.138 26.258 26.358 26.358 26.408 26.441 26.484 26.519	26.819 26.960 27.134 27.300 27.446 27.521 27.587 27.666 27.756 27.838	25.912 26.006 26.134 26.254 26.354 26.383 26.404 26.437 26.480 26.515	211.8 202.9 190.9 179.6 170.3 167.7 165.8 165.8 158.8 155.5	5.828 6.034 6.232 6.418 6.594 6.763 6.930 7.095 7.256 7.413	00000000000	1489.4 1488.9 1488.4 1487.8 1487.6 1487.5 1487.0 1486.3 1485.6	620.0 679.0 740.0 802.8 867.5 933.9 1001.9 1071.5 1142.8 1215.7	73.6 15.3 128.0 102.5 94.0 7.0 43.0 19.9 49.1 37.9
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.645 7.583 7.403 7.262 7.219 7.042 6.883 6.730 6.638 6.460	7.616 7.553 7.372 7.230 7.187 7.009 6.849 6.696 6.604 6.425	33.997 33.999 34.000 34.009 34.005 34.007 34.009 34.016	26.542 26.552 26.578 26.599 26.613 26.656 26.678 26.691 26.721	27.908 27.963 28.036 28.104 28.163 28.229 28.300 28.369 28.429 26.505	26.538 26.547 26.574 26.595 26.608 26.627 26.652 26.6674 26.687 26.716	153.3 152.6 150.1 148.2 147.1 145.3 143.0 139.8 137.0	7.568 7.721 7.872 8.021 8.169 8.315 8.460 8.601 8.742 8.880	00000000000	1485.1 1484.5 1484.1 1484.1 1483.6 1483.1 1482.7 1482.5 1482.0	1290.1 1366.0 1443.4 1522.3 1602.7 1684.5 1767.8 1852.5 1938.6 2026.0	10.1 26.5 5.7 31.1 16.5 19.1 50.1 135.1 19.0
400.0 410.0 420.0 430.0 440.0 450.0 460.0 480.0 490.0	397.7 407.7 417.6 427.5 437.4 447.4 457.3 467.2 477.1	6.383 6.310 6.135 6.062 5.962 5.916 5.823 5.751 5.705 5.646	6.347 6.273 6.098 6.024 5.924 5.784 5.784 5.711 5.664 5.604	34.018 34.021 34.028 34.034 34.038 34.051 34.059 34.069 34.077 34.083	26.732 26.744 26.773 26.802 26.818 26.836 26.853 26.853 26.865	28.563 28.621 28.697 28.757 28.819 28.881 28.946 29.009 29.126	26.728 26.740 26.768 26.782 26.797 26.813 26.831 26.848 26.840 26.872	136.0 134.9 132.2 131.0 129.5 128.1 126.5 124.9 123.8	9.017 9.152 9.285 9.417 9.547 9.676 9.804 9.929 10.054	00000000000	1481.8 1481.7 1481.2 1481.1 1480.8 1480.6 1480.5 1480.5	2114.8 2205.0 2296.5 2389.3 2483.4 2578.7 2675.4 2773.3 2872.4 2972.7	14.6 30.7 17.5 8.7 27.1 19.5 13.6 7.8 16.0
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	497.0 506.9 516.8 526.7 536.6 546.5 556.5 566.4 576.3	5.572 5.482 5.402 5.342 5.327 5.313 5.275 5.138 5.109 5.052	5.530 5.439 5.360 5.299 5.288 5.230 5.092 5.062 5.005	34.092 34.100 34.110 34.121 34.131 34.146 34.155 34.159 34.167 34.175	26.893 26.911 26.928 26.944 26.954 26.967 26.979 26.998 27.008 27.021	29.189 29.253 29.317 29.379 29.435 29.494 29.5519 29.619 29.734	26.888 26.906 26.923 26.939 26.948 26.962 26.974 26.993 27.002	121.3 119.7 118.1 116.7 115.8 114.6 113.6 111.7 110.9	10.299 10.420 10.538 10.656 10.772 10.887 11.001 11.113 11.225 11.335	000000000000000000000000000000000000000	1480.3 1480.1 1480.0 1479.9 1480.0 1480.1 1480.2 1479.8 1479.8	3074.3 3177.0 3281.0 3386.0 3492.3 3599.7 3708.2 3817.8 3928.5 4040.4	13.3 24.1 18.0 3.3 17.7 9.8 16.8 10.4 15.3 18.6
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.8 645.7 655.6 665.5 675.4 685.3	5.053 4.998 4.968 4.913 4.902 4.900 4.864 4.774 4.756 4.720	5.004 4.949 4.919 4.863 4.851 4.848 4.812 4.721 4.702 4.666	34.196 34.203 34.215 34.225 34.234 34.243 34.245 34.246 34.257 34.264	27.038 27.049 27.062 27.077 27.085 27.092 27.098 27.109 27.120 27.130	29.796 29.855 29.913 29.975 30.029 30.082 30.134 30.192 30.249 30.305	27.032 27.044 27.056 27.071 27.079 27.086 27.092 27.103 27.114 27.124	108.3 107.2 106.1 104.7 104.1 103.5 103.0 101.9 100.9	11.444 11.552 11.658 11.764 11.868 11.972 12.075 12.178 12.279 12.380	000000000	1480.0 1479.9 1480.0 1479.9 1480.0 1480.2 1480.2 1480.1 1480.2	4153.3 4267.2 4382.3 4498.3 4615.5 4733.6 4852.7 4972.9 5094.1 5216.2	10.4 27.1 7.7 17.1 4.2 5.7 15.9 9.2 18.0 6.9
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.7 764.5 774.5	4.684 4.626 4.555 4.529 4.542 4.526 4.477 4.367 4.367	4.629 4.571 4.499 4.473 4.484 4.468 4.420 4.318 4.307 4.300	34.271 34.278 34.282 34.295 34.311 34.318 34.320 34.322 34.328 34.339	27.139 27.151 27.162 27.176 27.187 27.194 27.201 27.213 27.219 27.229	30.361 30.419 30.477 30.537 30.593 30.647 30.700 30.760 30.812 30.867	27.133 27.145 27.156 27.169 27.181 27.188 27.194 27.207 27.213 27.222	99.2 98.2 97.1 95.9 95.0 94.8 92.5 92.0 91.2	12.479 12.578 12.676 12.772 12.868 12.962 13.057 13.150 13.242 13.333	0000000000	1480.2 1480.1 1480.0 1480.1 1480.3 1480.4 1480.4 1480.1 1480.2 1480.4	5339.4 5463.5 5588.6 5714.6 5841.6 5969.5 6098.3 6228.1 6358.8 6490.4	8.6 8.9 9.2 16.2 5.4 8.3 10.7 13.0 6.3 8.3
800.0 810.0 820.0 830.0 840.0 850.0 870.0 880.0 890.0	794.3 804.2 814.1 824.0 833.9 843.8 853.7 863.5 873.5 883.3	4.341 4.306 4.288 4.273 4.257 4.235 4.193 4.161 4.180 4.127	4.279 4.244 4.226 4.209 4.193 4.170 4.128 4.095 4.113 4.059	34.343 34.352 34.357 34.365 34.369 34.375 34.381 34.389 34.397 34.401	27.234 27.245 27.252 27.259 27.264 27.271 27.281 27.290 27.295 27.303	30.918 30.976 31.028 31.081 31.133 31.186 31.242 31.297 31.347 31.403	27.228 27.238 27.245 27.252 27.258 27.264 27.274 27.283 27.288 27.288	90.8 89.3 88.6 88.6 87.8 85.6 85.6 85.8	13.424 13.515 13.604 13.693 13.781 13.870 13.957 14.043 14.129 14.214	0000000000	1480.5 1480.5 1480.6 1480.7 1480.8 1480.9 1480.9 1481.0 1481.2	6622.8 6756.2 6890.4 7025.6 7161.6 7298.4 7436.1 7574.7 7714.1 7854.4	9.2 8.9 4.8 6.6 6.0 10.4 13.9 1.1 6.0 4.3
900.0 910.0 920.0 930.0 940.0 950.0 960.0 980.0 990.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.089 4.029 4.014 3.971 3.940 3.915 3.853 3.828 3.828	4.021 3.961 3.944 3.901 3.870 3.844 3.802 3.781 3.756 3.751	34.405 34.414 34.419 34.421 34.422 34.425 34.425 34.431 34.434	27.310 27.319 27.326 27.334 27.339 27.342 27.349 27.356 27.361 27.368	31.456 31.512 31.564 31.619 31.670 31.774 31.826 31.878 31.930	27.303 27.312 27.318 27.327 27.331 27.335 27.342 27.348 27.354 27.361	84.1 83.3 82.7 81.9 81.5 81.2 80.5 80.0 79.5 79.0	14.298 14.382 14.465 14.547 14.629 14.710 14.791 14.871 14.951 15.030	00000000000	1481.2 1481.2 1481.2 1481.2 1481.3 1481.3 1481.4 1481.4	7995.4 8137.4 8280.1 8423.6 8567.9 8713.1 8859.0 9005.7 9153.2 9301.5	7.5 8.4 9.3 8.7 4.6 5.8 3.7 4.3 8.7

Station	76	Latitude	32. 10.8	3'N	Longitu	de 128°	32.15'W	04	May 1991	GMT 15	:24	Bottom	4440 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn.Ht	LTR	s v	ŢF	Ŋ ²
db	m	*c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	$10^8 m^3/kg$	J/kg	0/0	m/a	m ³ /s ²	10 ⁶ /s ²
1000.0	992.2	3.807	3.733	34.445	27.372	31.981	27.365	78.6	15.109	.0	1481.7	9450.6	3.4
1020.0	1012.0	3.769	3.694	34.452	27.381	32.082	27.374	77.8	15.266	۰,	1481.9 1481.9	9751.0 10054.5	4.6 3.7
1040.0 1060.0	1031.7 1051.5	3.687 3.637	3.611 3.560	34.457 34.466	27.394 27.406	32.187 32.292	27.386 27.398	76.7 75.6	15.420 15.573	.0	1482.0	10360.9	5.8
1080.0	1071.3	3.635	3.555	34.475	27.414	32,391	27.406	75.0	15.723	.ŏ	1482.3	10670.3	1.7
1100.0	1091.1	3.599	3.518	34.480	27.421	32.491	27.413	74.4	15.873	-0	1482.5	10982.7	2.0
1120.0	1110.8	3.554	3.472	34.485	27.429	32.591	27.421	73.7	16.021	.0	1482.6 1482.7	11298.0 11616.1	2.6 4.1
1140.0 1160.0	1130.6 1150.4	3.493 3.451	3.410 3.367	34.490 34.493	27.439 27.446	32.694 32.793	27.431 27.438	72.7 72.1	16.167 16.312	:0	1482.9	11937.1	5.0
1180.0	1170.1	3.409	3.323	34.498	27.454	32.893	27.446	71.4	16.455	.ŏ	1483.0	12260.9	3.8
1200.0	1189.9	3.371	3.284	34.502	27.461	32.993	27.453	70.8	16.597	.0	1483.2	12587.5	5.9
1220.0	1209.7	3.330	3.241	34.507	27.469	33.092	27.460	70.1	16.738	.0	1483.4 1483.5	12916.9	4.1 3.3
1240.0 1260.0	1229.4 1249.2	3.287 3.234	3.197 3.144	34.510 34.515	27.476 27.485	33.191 33.293	27.467 27.476	69.5 68.7	16.878 17.016	.0	1483.5	13249.0 13583.8	3.0
1280.0	1268.9	3.198	3.106	34.520	27.492	33.392	27.483	68.0	17.153	.ŏ	1483.8	13921.3	6.8
1300.0	1288.7	3.151	3.058	34.525	27.500	33,493	27.492	67.2	17.288	.0	1484.0	14261.4	5.9
1320.0	1308.4	3.097	3.003	34.529	27.509	33.595	27.500	66.4	17.421	٠.	1484.1	14604.2	5.6
1340.0 1360.0	1328.2 1347.9	3.063 3.022	2.967 2.926	34.531 34.534	27.514 27.520	33.692 33.790	27.505 27.511	66.0 65.4	17.554 17.685	.0	1484.3 1484.4	14949.5 15297.5	5.6 1.8
1380.0	1367.7	2.977	2.879	34.538	27.528	33.890	27.519	64.7	17.815	.ŏ	1484.6	15647.9	1.9
1400.0	1387.4	2.943	2.844	34.542	27.533	33.988	27.524	64.2	17.944	.0	1484.8	16000.9	1.9
1420.0	1407.1	2.899	2.799	34.546	27.541	34.088	27.531	63.5	18.071 18.198	.0	1484.9 1485.2	16356.4 16714.3	5.1 4.8
1440.0 1460.0	1426.9 1446.6	2.879 2.843	2.777	34.549 34.552	27.545 27.551	34.184 34.282	27.536 27.542	63.1 62.6	18.323	.o .o	1485.3	17074.7	5.7
1480.0	1466.3	2.814	2.710	34.554	27.555	34.378	27.546	62.2	18.448	.ŏ	1485.5	17437.5	2.2
1500.0	1486.1	2.790	2.685	34.559	27.561	34.476	27.552	61.7	18.572	.0	1485.8	17802.8	2.5
1520.0	1505.8	2.765	2.658	34.561	27.565	34.571	27.556	61.4	18.695	.0	1486.0	18170.4	3.4 3.4
1540.0 1560.0	1525.5 1545.3	2.731 2.689	2.623 2.579	34.564 34.567	27.571 27.577	34.668 34.767	27.561 27.567	60.9 60.2	18.817 18.939	.0	1486.2 1486.4	18540.5 18912.9	4.6
1580.0	1565.0	2.666	2.556	34.568	27.580	34.862	27.570	60.0	19.059	.ŏ	1486.6	19287.6	2.0
1600.0	1584.7	2.634	2.522	34.571	27.585	34.959	27.575	59.5	19.178	.0	1486.8	19664.7	4.6
1620.0 1640.0	1604.4 1624.2	2.604	2.491 2.458	34.574 34.576	27.590 27.595	35.055 35.152	27.580 27.585	59.1 58.6	19.297 19.414	.0	1487.0 1487.2	20044.1 20425.8	2.0 1.4
1660.0	1643.9	2.572 2.539	2.423	34.579	27.600	35.249	27.590	58.1	19.531	ĕ	1487.4	20809.7	2.0
1680.0	1663.6	2.507	2.390	34.582	27.605	35.346	27.595	57.6	19,647	.ŏ	1487.6	21195.9	1.7
1700.0	1683.3	2.469	2.351	34.585	27.611	35.444	27.601	57.1	19.761	.0	1487.8	21584.4	4.4
1720.0	1703.0	2.434	2.315	34.588	27.616	35.541	27.606	56.5	19.875	.0	1488.0 1488.2	21975.0 22367.8	1.5 1.2
1740.0 1760.0	1722.7 1742.4	2.412 2.378	2.292 2.256	34.589 34.593	27.619 27.625	35.636 35.734	27.609 27.615	56.3 55.7	19.988 20.100	.0	1488.4	22762.9	3.0
1780.0	1762.1	2.340	2.217	34.595	27.630	35.831	27.620	55.2	20.211	.ŏ	1488.6	23160.0	1.8
1800.0	1781.8	2.315	2.190	34.597	27.633	35.926	27.623	54.8	20.321	.0	1488.8	23559.4	1.5
1820.0 1840.0	1801.5 1821.2	2.293	2.168 2.154	34.599 34.600	27.637 27.639	36.021 36.114	27.627 27.629	54.5 54.4	20.430 20.539	.0	1489.0 1489.3	23960.8 24364.3	1.2 3.6
1860.0	1840.9	2.248	2.119	34.604	27.645	36.211	27.629	53.8	20.647	:ŏ	1489.5	24770.0	3.9
1880.0	1860.6	2.223	2.093	34.606	27.649	36.307	27.638	53.4	20.754	.0	1489.7	25177.7	1.0
1900.0	1880.3	2.199	2.068	34,608	27.652	36.402	27.642	53.1	20.861	.0	1490.0	25587.5	3.0
1920.0 1940.0	1900.0 1919.7	2.177 2.156	2.045 2.022	34.610 34.612	27.656 27.659	36.496 36.591	27.645 27.648	52.8 52.4	20.967 21.072	.0	1490.2 1490.5	25999.3 26413.2	1.0
1960.0	1919.7	2.140	2.022	34.612	27.661	36.684	27.650	52.4	21.177	:ŏ	1490.7	26829.2	.5
1980.0	1959.1	2.114	1.978	34.615	27.665	36.780	27.654	51.9	21.281	.ŏ	1490.9	27247.1	2.2
2000.0	1978.8	2.090	1.952	34.618	27.669	36.875	27.658	51.5	21.385	.0	1491.2	27667.0	4
2050.0 2096.0	2028.0 2073.2	2.049 2.016	1.908 1.871	34.622 34.625	27.676 27.682	37.109 37.324	27.665 27.670	50.9 50.4	21.641 21.874	.0	1491.8 1492.5	28725.5 29710.2	.8 .0
2090.0	2013.2	v-010	1.011	34.023	21.002	J1.J24	21.010	50.4	21.0/4		1772.3	23110.2	

Station		Latitude	32° 24			ude 128	25.62'W	0-	4 May 1991	GMT 1	8:06	Bottom	
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-6 kg/m ³	kg/m ³	: Sigma-t kg/m ³	Delta 10 ⁸ m ³ /k	Dyn.Ht g J/kg	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.540 15.466 15.384 15.384 14.908 14.419 14.292 14.545 14.609	15.540 15.465 15.412 15.335 14.301 14.410 14.282 14.534 14.596	33.269 33.271 33.294 33.292 33.244 33.167 33.181 33.275 33.328	24.520 24.539 24.576 24.583 24.641 24.682 24.743 24.771	24.520 24.583 24.709 24.759 24.862 24.933 25.037 25.169	24.520 24.538 24.567 24.576 24.582 24.639 24.684 24.721 24.740 24.768	340.5 339.0 336.5 336.7 335.7 330.4 326.4 323.1 321.6 319.2	.000 .340 .677 1.013 1.349 1.684 2.012 2.336 2.658 2.979	00000000000	1507.0 1506.9 1506.9 1507.0 1507.0 1505.8 1504.2 1504.2 1505.1	1.7 6.8 15.2 27.0 42.1 60.5 82.1 107.0	.0 44.7 8.4 9.3 6.4 143.9 41.3 24.3 11.5 59.3
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.2	14.657 14.697 13.899 12.584 11.774 10.935 10.556 10.131 9.766 9.531	14.642 14.681 13.882 12.567 11.756 10.538 10.112 9.746 9.510	33.413 33.552 33.482 33.428 33.383 33.369 33.358 33.435 33.486	24.826 24.925 25.040 25.260 25.379 25.587 25.652 25.772 25.851	25.268 25.411 25.571 25.840 26.006 26.1307 26.418 26.585 26.709	24.823 24.922 25.036 25.257 25.376 25.514 25.584 25.648 25.769 25.847	314.3 305.2 294.4 273.4 262.1 249.0 242.5 236.4 225.1 217.7	3.295 3.604 3.902 4.183 4.709 4.955 5.194 5.645	000000000000	1506.0 1506.4 1503.9 14996.9 1494.1 1492.9 1491.5 1490.4 1489.8	166.3 200.7 238.0 278.3 321.3 366.9 415.0 465.4 518.3 573.3	73.1 129.9 28.1 161.7 35.1 64.5 64.4 68.7 86.5 100.3
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.292 9.143 8.992 8.918 8.754 8.645 8.585 8.381 8.274	9.270 9.121 8.968 8.893 8.729 8.619 8.558 8.353 8.245 8.033	33.564 33.624 33.696 33.725 33.801 33.903 33.936 33.986 33.993	25.951 26.022 26.103 26.137 26.222 26.274 26.388 26.386 26.441 26.478	26.855 26.972 27.098 27.178 27.309 27.407 27.507 27.611 27.712 27.795	25.948 26.018 26.099 26.133 26.218 26.270 26.324 26.382 26.437 26.474	208.3 201.8 194.3 191.1 183.3 178.4 173.5 168.1 163.0 159.5	5.857 6.061 6.259 6.452 6.639 6.820 6.996 7.166 7.331 7.492	00000000000	1489.2 1488.9 1488.6 1488.5 1488.1 1487.9 1488.0 1487.4 1487.2 1486.6	630.5 689.7 751.0 814.1 879.2 946.1 1014.7 1085.1 1157.1 1230.7	136.2 34.6 16.7 85.5 39.5 41.0 104.0 41.5 30.7 16.9
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.784 7.623 7.548 7.427 7.204 7.122 7.038 6.912 6.674 6.535	7.754 7.593 7.517 7.396 7.172 7.089 7.004 6.878 6.640 6.499	33.994 34.002 34.008 34.012 34.018 34.034 34.034 34.053 34.053	26.520 26.550 26.566 26.586 26.622 26.665 26.665 26.690 26.707 26.720	27.885 27.961 28.022 28.089 28.172 28.242 28.307 28.378 28.444 28.503	26.516 26.545 26.561 26.581 26.641 26.660 26.685 26.702 26.715	155.6 151.4 149.6 146.2 144.0 142.4 138.3 137.2	7.650 7.804 7.956 8.107 8.254 8.400 8.543 8.684 8.823 8.961	00000000000	1485.7 1485.2 1485.1 1484.8 1484.1 1484.0 1483.8 1483.5 1482.7 1482.3	1305.9 1382.6 1460.9 1540.6 1621.9 1704.5 1788.6 1874.1 1961.0 2049.3	33.8 28.5 43.7 17.9 18.2 26.4 12.0 21.6
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.8 407.7 417.6 427.5 437.4 447.4 457.3 467.2 477.1 487.0	6.397 6.305 6.258 6.147 6.060 5.981 5.999 5.806 5.784	6.362 6.268 6.221 6.109 6.022 5.942 5.889 5.766 5.742	34.016 34.015 34.024 34.039 34.043 34.045 34.069 34.054 34.057	26.729 26.741 26.748 26.768 26.790 26.804 26.812 26.822 26.834 26.840	28.559 28.618 28.671 28.737 28.806 28.867 28.921 28.976 29.036 29.087	26.724 26.736 26.743 26.763 26.785 26.799 26.807 26.817 26.829 26.835	136.3 135.3 134.7 132.8 130.8 129.5 128.8 128.1 126.9 126.5	9.098 9.234 9.369 9.502 9.634 9.764 9.893 10.022 10.149 10.276	0000000000	1481.9 1481.7 1481.4 1481.2 1481.1 1481.5 1480.9 1480.9	2138.9 2229.9 2322.2 2415.8 2510.8 2607.0 2704.5 2803.3 2903.4 3004.7	19.3 6.7 17.8 19.2 28.9 13.9 -2.5 21.3 6.0 9.3
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	497.0 506.9 516.8 526.7 536.6 556.5 556.4 576.3 586.2	5.762 5.680 5.483 5.528 5.388 5.333 5.215 5.226 5.088 5.028	5.719 5.637 5.440 5.344 5.288 5.169 5.180 5.042 4.981	34.066 34.070 34.073 34.091 34.087 34.102 34.103 34.120 34.123 34.131	26.850 26.863 26.889 26.911 26.930 26.945 26.957 26.975 26.988	29.143 29.203 29.277 29.331 29.392 29.457 29.519 29.576 29.642 29.702	26.845 26.858 26.883 26.893 26.906 26.925 26.939 26.951 26.970 26.983	125.6 124.4 121.9 121.2 119.9 118.1 116.7 115.7 113.9 112.7	10.402 10.527 10.650 10.772 10.892 11.011 11.128 11.245 11.359 11.473	0000000000	1481.0 1480.9 1480.2 1480.2 1480.2 1479.8 1480.1 1479.7 1479.6	3107.2 3211.0 3316.0 3422.2 3529.7 3638.3 3748.0 3858.9 3971.0 4084.2	14.5 18.0 6.9 19.2 20.3 18.0 18.3 21.5 4.2
600.0 610.0 620.0 630.0 640.0 650.0 650.0 670.0 680.0	596.1 606.0 616.0 625.9 635.7 655.6 665.5 675.4	5.068 5.084 5.193 5.244 5.153 5.138 4.936 4.883 4.842	5.020 5.035 5.142 5.192 5.101 5.085 4.885 4.882 4.829 4.787	34.152 34.172 34.210 34.240 34.243 34.223 34.239 34.257 34.268 34.280	27.000 27.015 27.032 27.050 27.063 27.073 27.086 27.100 27.115 27.128	29.759 29.819 29.880 29.943 30.003 30.120 30.120 30.180 30.241 30.301	26.995 27.010 27.026 27.044 27.057 27.067 27.080 27.093 27.108 27.122	111.8 110.5 109.2 107.7 106.5 104.3 103.1 101.7	11.585 11.696 11.806 11.914 12.021 12.127 12.336 12.438 12.539	0000000000	1480.0 1480.2 1480.9 1481.3 1481.1 1481.2 1480.5 1480.7 1480.7	4198.5 4313.8 4430.3 4547.9 4666.5 4786.1 4906.8 5028.6 5151.3 5275.0	9.5 16.2 14.5 5.8 13.9 9.8 16.0 17.4
700.0 710.0 710.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.7 764.5 774.5	4.758 4.737 4.640 4.592 4.518 4.478 4.469 4.438 4.412 4.371	4.703 4.681 4.583 4.535 4.460 4.421 4.410 4.378 4.352 4.310	34.285 34.294 34.300 34.299 34.302 34.310 34.322 34.330 34.343	27.142 27.152 27.167 27.171 27.182 27.193 27.204 27.213 27.227 27.235	30.362 30.418 30.480 30.531 30.589 30.646 30.703 30.759 30.818 30.873	27.136 27.145 27.161 27.165 27.176 27.187 27.198 27.207 27.220 27.228	99.1 98.8 96.8 96.4 95.4 93.6 91.4 90.7	12.639 12.738 12.835 12.932 13.028 13.122 13.216 13.309 13.401 13.492	00000000000	1480.5 1480.6 1480.3 1480.2 1480.2 1480.2 1480.3 1480.4 1480.5 1480.5	5399.7 5525.4 5652.1 5779.7 5908.3 6037.8 6168.2 6299.5 6431.8 6564.9	16.5 8.1 7.5 7.5 10.7 15.1 6.3 9.5 4.5
800.0 810.0 820.0 840.0 850.0 870.0 880.0	794.3 804.2 814.1 824.0 833.9 843.8 853.7 863.5 873.5	4.351 4.268 4.255 4.235 4.221 4.192 4.164 4.123 4.094 4.083	4.290 4.207 4.192 4.172 4.128 4.099 4.058 4.028 4.016	34.362 34.362 34.367 34.369 34.375 34.383 34.389 34.393 34.396 34.402	27.249 27.257 27.263 27.267 27.273 27.282 27.290 27.297 27.303 27.309	30.933 30.989 31.040 31.090 31.142 31.198 31.252 31.305 31.358 31.409	27.242 27.251 27.256 27.266 27.275 27.283 27.290 27.296 27.302	89.4 88.6 88.1 87.8 87.3 86.5 85.1 84.6 84.2	13.583 13.672 13.760 13.848 13.936 14.022 14.108 14.194 14.278 14.363	0000000000	1480.6 1480.4 1480.5 1480.6 1480.7 1480.7 1480.8 1480.8 1480.8	6699.0 6833.9 6969.7 7106.3 7243.9 7382.2 7521.5 7661.5 7802.4 7944.1	9.2 7.5 10.1 -2.5 11.9 11.6 12.8 8.1 3.7 7.2
900.0 910.0 920.0 930.0 940.0 950.0 960.0 980.0 990.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.065 4.071 3.994 3.978 3.955 3.932 3.919 3.884 3.846 3.814	3.997 4.003 3.925 3.909 3.885 3.861 3.847 3.811 3.773 3.741	34.404 34.415 34.415 34.422 34.425 34.430 34.433 34.434 34.436 34.438	27.313 27.323 27.329 27.336 27.341 27.347 27.351 27.355 27.361 27.366	31.459 31.514 31.568 31.621 31.672 31.725 31.724 31.825 31.877 31.928	27.306 27.316 27.322 27.329 27.334 27.340 27.343 27.348 27.354 27.358	83.8 83.0 82.4 81.8 81.3 80.8 80.5 80.5 79.6	14.447 14.530 14.613 14.695 14.776 14.858 14.938 15.019 15.099 15.178	0000000000	1481.1 1481.3 1481.1 1481.2 1481.3 1481.5 1481.5 1481.5	8086.7 8230.1 8374.2 8519.2 8665.0 8811.6 8959.0 9107.2 9256.1 9405.9	6.3 4.6 1.1 7.5 6.9 7.22 4.6 6.7 6.9

Station	77	Latitude	32° 24.3	39'N	Longitu	de 128°	25.62'W	04	May 1991	GMT 18	:06	Bottom	
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn.Ht	LTR	<i>s</i> v	TF 2	N ²
ďb	m	•c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	$10^8 m^3/kg$	J/kg	0/0	m/s	m^3/s^2	10 ⁶ /s ²
1000.0 1020.0 1040.0 1060.0	992.2 1012.0 1031.7 1051.5	3.777 3.724 3.670 3.631	3.703 3.648 3.593 3.553	34.445 34.451 34.456 34.461	27.375 27.385 27.395 27.403	31.984 32.087 32.189 32.289	27.368 27.378 27.387 27.395	78.2 77.4 76.5 75.8	15.256 15.412 15.566 15.718	.0.0	1481.6 1481.7 1481.8 1481.9	9556.4 9859.7 10166.0 10475.4	6.1 7.2 7.3 5.8
1080.0 1100.0 1120.0 1140.0 1160.0	1071.3 1091.1 1110.8 1130.6 1150.4	3.589 3.544 3.508 3.465 3.417	3.510 3.464 3.426 3.382 3.333	34.470 34.479 34.483 34.489 34.494	27.414 27.425 27.432 27.441 27.450	32.393 32.496 32.596 32.697 32.798	27.406 27.417 27.424 27.433 27.442	74.8 73.8 73.2 72.4 71.6	15.869 16.018 16.165 16.311 16.455	•••••	1482.1 1482.3 1482.4 1482.6 1482.7	10787.7 11102.9 11421.0 11742.0 12065.9	3.8 1.1 4.1 3.8 6.1
1180.0	1170.1	3.377	3.291	34.501	27.460	32.900	27.451	70.8	16.597	.0	1482.9	12392.5	4.7
1200.0 1220.0 1240.0 1260.0 1280.0 1300.0 1320.0 1340.0 1360.0	1189.9 1209.6 1229.4 1249.2 1268.9 1288.7 1308.4 1328.2 1347.9 1367.7	3.331 3.283 3.247 3.202 3.163 3.123 3.098 3.065 3.020 2.986	3.244 3.196 3.158 3.111 3.072 3.031 3.003 2.970 2.924 2.888	34.505 34.510 34.514 34.529 34.528 34.529 34.532 34.537 34.538	27.468 27.482 27.491 27.499 27.505 27.505 27.515 27.522 27.527	33.000 33.101 33.200 33.301 33.401 33.499 33.595 33.693 33.792 33.889	27.459 27.468 27.474 27.483 27.490 27.497 27.501 27.506 27.513 27.518	70.1 69.3 68.8 68.0 67.2 66.7 66.4 65.9 65.2	16.738 16.878 17.016 17.153 17.288 17.422 17.555 17.687 17.818 17.948	00000000000	1483.0 1483.2 1483.5 1483.7 1483.9 1484.1 1484.4 1484.4	12721.9 13054.0 13388.8 13726.3 14066.5 14409.3 14754.7 15102.6 15453.2 15806.3	2.6 2.6 5.3 5.9 2.7 1.2 4.8 2.1
1400.0	1387.4	2.968	2.869	34.541	27.527	33.985	-	64.5	18.077	.0	1484.9	16161.9	6.3
1420.0 1440.0 1460.0 1460.0 1500.0 1520.0 1540.0	1407.1 1426.9 1446.6 1466.3 1466.3 1505.8 1525.5 1545.3	2.912 2.874 2.840 2.805 2.780 2.736 2.701 2.678	2.812 2.772 2.737 2.737 2.675 2.629 2.593 2.569	34.545 34.551 34.556 34.557 34.562 34.564 34.566	27.539 27.539 27.5545 27.550 27.557 27.560 27.569 27.573 27.577	34.086 34.184 34.281 34.380 34.475 34.576 34.672 34.767	27.522 27.530 27.536 27.541 27.548 27.551 27.559 27.564 27.567	63.7 63.1 62.6 62.0 61.7 61.0 60.5	18.205 18.332 18.458 18.583 18.706 18.829 18.951	000000000	1485.0 1485.1 1485.3 1485.5 1485.7 1485.9 1486.1 1486.3	16520.0 16880.6 17243.6 17609.1 17977.0 18347.3 18720.0	3.9 4.87 2.57 2.7 4.6
1580.0	1565.0	2.640	2.530	34.569	27.583	34.866	27.573	59.6	19.191	:ŏ	1486.5	19472.3	1.5
1600.0 1620.0 1640.0 1660.0 1700.0 1720.0 1740.0 1760.0 1780.0	1584.7 1604.4 1624.1 1643.9 1663.6 1683.3 1703.0 1722.7 1742.4 1762.1	2.611 2.579 2.544 2.526 2.498 2.469 2.445 2.409 2.379 2.338	2.499 2.466 2.430 2.410 2.381 2.351 2.325 2.289 2.257 2.215	34.573 34.575 34.579 34.580 34.583 34.586 34.588 34.591 34.593 34.597	27.589 27.593 27.599 27.602 27.607 27.611 27.615 27.621 27.625 27.632	34.964 35.060 35.158 35.252 35.348 35.445 35.540 35.638 35.734 35.833	27.579 27.583 27.590 27.592 27.597 27.602 27.605 27.611 27.615 27.622	59.1 58.7 58.1 57.9 57.4 57.0 56.7 56.7 55.7	19.310 19.427 19.544 19.660 19.775 19.890 20.003 20.116 20.228 20.339	0000000000	1486.7 1486.9 1487.1 1487.3 1487.6 1487.6 1488.0 1488.2 1488.4 1488.5	19852.0 20234.0 20618.2 21004.7 21393.4 21784.4 22177.5 22572.9 22970.4 23370.1	6.4 4.0 .8 3.8 7.6 2.6 5.5 3.6
1800.0 1820.0 1840.0 1860.0 1900.0 1920.0 1940.0 1960.0 1980.0	1781.8 1801.5 1821.2 1840.9 1860.6 1880.3 1900.0 1919.7 1939.4 1959.1	2.320 2.296 2.267 2.244 2.199 2.180 2.171 2.152 2.135	2.196 2.170 2.140 2.116 2.085 2.068 2.047 2.036 2.016 1.998	34.598 34.600 34.602 34.604 34.608 34.610 34.611 34.612 34.615	27.634 27.638 27.642 27.645 27.650 27.653 27.656 27.657 27.660 27.663	35.926 36.022 36.117 36.212 36.309 36.402 36.497 36.588 36.682 36.777	27.624 27.628 27.632 27.635 27.640 27.645 27.645 27.649 27.652	54.8 54.4 54.1 53.7 53.2 53.1 52.8 52.8 52.5	20.448 20.558 20.666 20.774 20.881 20.987 21.093 21.199 21.304 21.408	0000000000	1488.8 1489.0 1489.3 1489.5 1489.7 1490.0 1490.2 1490.5 1490.8 1491.0	23771.9 24175.9 24581.9 24580.1 25400.3 25812.6 26226.9 26643.2 27061.6 27482.1	1.5 1.8 3.0 1.8 .7 2.5 1.6 1.4
2000.0 2050.0 2094.0	1978.8 2027.9 2071.2	2.111 2.078 2.045	1.972 1.936 1.900	34.617 34.620 34.624	27.667 27.673 27.678	36.872 37.104 37.310	27.656 27.661 27.667	51.8 51.4 50.9	21.512 21.771 21.996	.0 .0	1491.3 1492.0 1492.6	27904.5 28969.3 29916.6	4 .5 .0

Station	78	Latitude	32° 38.	04' N	Longit	ude 128°	18.54'W	04	May 1991	GMT 20	:57	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 70.0 80.0 90.0	.0 10.0 19.9 29.8 49.8 59.8 69.7 79.7	15.361 14.928 14.896 14.872 14.757 14.773 14.806 14.801 14.767 14.529	15.361 14.926 14.893 14.867 14.752 14.765 14.797 14.791 14.755 14.516	33.168 33.142 33.143 33.148 33.181 33.254 33.289 33.301 33.331 33.284	24.482 24.557 24.564 24.574 24.624 24.678 24.678 24.739 24.739	24.482 24.601 24.653 24.707 24.801 24.899 24.962 25.017 25.017 25.152	24.482 24.556 24.564 24.573 24.623 24.676 24.695 24.706 24.736 24.751	344.1 337.3 336.9 336.2 331.7 325.4 324.7 322.0 320.8	.000 .342 .679 1.015 1.350 1.679 2.005 2.330 2.653 2.974	00000000000	1506.3 1505.0 1505.1 1505.2 1505.0 1505.6 1505.8 1505.9 1505.2	.0 1.7 6.8 15.2 27.0 42.1 60.5 82.0 106.9 134.9	.0 59.5 -1.1 3.0 46.7 22.1 18.0 20.6 7.5 12.7
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.2	14.333 14.333 13.708 12.092 10.910 10.174 9.679 9.436 9.361 9.348	14.319 14.317 13.691 12.075 10.893 10.157 9.661 9.417 9.342 9.327	33.256 33.306 33.271 33.081 33.049 33.143 33.242 33.366 33.505 33.667	24.774 24.813 24.916 25.085 25.276 25.476 25.636 25.773 25.894 26.022	25.216 25.299 25.448 25.666 26.153 26.358 26.542 26.708 26.881	24.771 24.810 24.912 25.082 25.273 25.473 25.633 25.770 25.890 26.019	319.2 315.8 306.1 289.9 271.6 252.6 237.6 224.7 213.4 201.4	3.294 3.612 3.925 4.222 4.504 4.767 5.010 5.241 5.669	00000000000	1504.7 1505.0 1503.0 1497.5 1493.5 1491.1 1489.0 1489.0 1489.4	166.1 200.5 238.0 278.6 322.0 368.1 416.8 467.8 521.0 576.3	35.8 49.6 209.4 112.4 156.4 238.8 94.1 99.6 27.3 115.8
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.287 9.251 9.180 9.069 8.993 8.735 8.639 8.481 8.300 8.187	9.266 9.228 9.157 9.044 8.967 8.708 8.612 8.453 8.271 8.157	33.739 33.781 33.847 33.911 33.944 33.968 34.008 34.008 34.026 34.048	26.089 26.128 26.191 26.259 26.356 26.382 26.427 26.468 26.503	26.993 27.077 27.186 27.299 27.382 27.489 27.560 27.651 27.739 27.819	26.085 26.124 26.187 26.255 26.292 26.352 26.377 26.423 26.464 26.498	195.3 191.8 186.0 179.7 176.3 170.7 168.5 160.4 157.3	5.868 6.061 6.250 6.433 6.612 6.785 6.955 7.121 7.283 7.442	0000000000	1489.4 1489.5 1489.5 1489.3 1489.2 1488.3 1487.9 1487.9 1487.1	633.7 693.0 754.1 817.2 882.0 948.5 1016.8 1086.7 1158.2 1231.4	55.4 270.7 55.7 61.7 26.7 29.9 64.6 39.8
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	8.011 7.870 7.761 7.724 7.554 7.427 7.303 7.171 7.084 6.980	7.981 7.839 7.729 7.692 7.521 7.394 7.268 7.136 7.049 6.944	34.052 34.055 34.061 34.083 34.083 34.075 34.075 34.073 34.073	26.532 26.555 26.576 26.599 26.625 26.642 26.653 26.670 26.682 26.694	27.895 27.964 28.031 28.100 28.172 28.235 28.293 28.357 28.415 28.473	26.528 26.551 26.571 26.594 26.620 26.637 26.648 26.666 26.6677 26.689	154.6 152.5 150.6 148.6 146.2 144.7 143.7 142.1 140.0	7.597 7.751 7.903 8.052 8.200 8.345 8.489 8.632 8.774	0000000000	1486.6 1486.2 1486.0 1485.5 1485.2 1484.9 1484.5 1484.1	1306.1 1382.3 1460.0 1539.2 1619.9 1702.0 1785.6 1870.6 1957.0 2044.7	28.6 22.4 32.4 8.1 40.6 16.5 11.8 20.6 7.7
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0 490.0	397.7 407.7 417.6 427.5 437.4 447.4 457.3 467.2 477.1 487.0	6.689 6.629 6.447 6.349 6.277 6.156 6.110 5.942 5.824 5.699	6.652 6.592 6.409 6.311 6.239 6.116 6.070 5.783 5.657	34.053 34.059 34.053 34.062 34.067 34.079 34.079 34.074 34.067	26.720 26.733 26.752 26.772 26.785 26.805 26.816 26.833 26.843 26.856	28.547 28.606 28.673 28.739 28.799 28.865 28.923 28.987 29.105	26.715 26.728 26.747 26.767 26.781 26.800 26.811 26.828 26.837 26.851	137.5 136.3 134.5 132.7 131.4 129.7 128.7 128.7 127.0 126.1 124.8	9.053 9.190 9.325 9.459 9.590 9.722 9.851 9.979 10.105	0000000000	1483.1 1483.0 1482.5 1482.2 1482.1 1481.8 1481.8 1481.3 1481.0 1480.6	2133.9 2224.4 2316.3 2409.5 2504.0 2599.8 2696.9 2795.3 2894.9 2995,7	29.0 18.5 22.2 11.4 1.1 37.1 21.0 33.0 19.2 13.3
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	497.0 506.9 516.8 526.7 536.5 556.5 566.4 576.3 586.2	5.586 5.481 5.422 5.347 5.204 5.204 5.247 5.243 5.173	5.544 5.439 5.379 5.303 5.266 5.160 5.202 5.253 5.196 5.125	34.071 34.075 34.086 34.096 34.101 34.126 34.152 34.163 34.172	26.875 26.891 26.907 26.924 26.930 26.944 26.959 26.989 27.004	29.170 29.233 29.295 29.359 29.411 29.473 29.532 29.592 29.654 29.716	26.870 26.886 26.902 26.919 26.924 26.939 26.954 26.968 26.984 26.999	123.0 121.5 120.1 118.6 118.0 116.6 115.5 114.3 112.8 111.4	10.354 10.476 10.597 10.716 10.834 10.952 11.068 11.183 11.296 11.408	.00.00.000	1480.3 1480.1 1480.0 1479.9 1479.9 1479.6 1480.0 1480.4 1480.4	3097.8 3201.1 3305.6 3411.3 3518.1 3618.2 3735.3 3845.6 3957.1 4069.6	14.8 13.9 13.3 2.5 15.3 17.1 18.6 15.1
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.7 655.6 655.5 675.4	4.873 5.044 5.017 4.947 4.896 4.852 4.819 4.826 4.790 4.759	4.825 4.995 4.967 4.897 4.845 4.766 4.773 4.736 4.704	34.147 34.188 34.196 34.205 34.218 34.229 34.220 34.242 34.249 34.260	27.019 27.032 27.042 27.057 27.073 27.087 27.091 27.100 27.110 27.122	29.781 29.837 29.893 29.954 30.017 30.077 30.128 30.182 30.238 30.296	27.013 27.027 27.036 27.051 27.067 27.081 27.085 27.094 27.104 27.116	109.8 108.9 108.0 106.6 105.2 103.9 103.5 102.8 102.0 100.9	11.519 11.628 11.736 11.844 11.949 12.054 12.158 12.261 12.363 12.465	.00	1479.1 1480.1 1480.0 1480.0 1480.0 1480.0 1480.0 1480.2 1480.3 1480.3	4183.2 4297.9 4413.7 4530.6 4648.5 4767.4 4887.4 5008.3 5130.3 5253.3	8.9 8.3 13.6 23.3 14.8 15.9 7.1 16.8 12.1
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0	695.2 705.1 715.0 724.9 734.8 734.6 764.5 774.4 784.3	4.715 4.683 4.544 4.540 4.524 4.519 4.490 4.442 4.440 4.417	4.660 4.627 4.488 4.484 4.466 4.461 4.431 4.382 4.380 4.356	34.269 34.275 34.273 34.281 34.296 34.306 34.312 34.318 34.326 34.335	27.134 27.142 27.156 27.163 27.177 27.186 27.194 27.203 27.210 27.220	30.355 30.410 30.472 30.524 30.584 30.638 30.692 30.749 30.801 30.857	27.128 27.136 27.150 27.157 27.171 27.179 27.187 27.197 27.204 27.213	99.8 99.1 97.6 97.1 95.2 94.5 93.6 93.0	12.565 12.664 12.762 12.860 12.956 13.052 13.147 13.241 13.334 13.426		1480.3 1480.3 1479.9 1480.1 1480.2 1480.4 1480.4 1480.6 1480.6	5377.3 5502.3 5628.2 5755.1 5883.0 6011.8 6141.5 6272.1 6403.7 6536.2	1.9 12.7 2.5 11.8 10.7 10.7 6.3 10.7 3.4 2.2
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.386 4.365 4.353 4.256 4.221 4.195 4.128 4.107 4.085	4.325 4.302 4.290 4.193 4.157 4.130 4.093 4.063 4.041 4.018	34.341 34.347 34.351 34.356 34.359 34.363 34.371 34.375 34.375	27.228 27.235 27.240 27.247 27.258 27.263 27.270 27.279 27.285 27.293	30.911 30.964 31.015 31.070 31.127 31.178 31.232 31.287 31.339 31.393	27.221 27.228 27.233 27.241 27.251 27.256 27.263 27.272 27.278 27.286	89.7 88.7 88.3 87.7 86.8 86.4	13.518 13.610 13.700 13.790 13.880 13.968 14.056 14.143 14.230 14.316	00000000000	1480.7 1480.8 1480.9 1480.6 1480.7 1480.7 1480.7 1480.8 1480.9	6669.6 6803.9 6939.1 7075.2 7212.1 7349.9 7488.6 7628.2 7768.6 7909.8	6.3 8.7 9.8 8.4 13.0 10.4 6.6 14.5 6.9 6.3
900.0 910.0 920.0 930.0 940.0 950.0 960.0 980.0 990.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.129 4.155 4.087 4.000 3.965 3.935 3.995 3.891	4.060 4.086 4.017 3.963 3.930 3.894 3.864 3.823 3.828 3.817	34.395 34.406 34.403 34.409 34.413 34.417 34.421 34.422 34.430 34.435	27.299 27.305 27.309 27.320 27.327 27.333 27.340 27.345 27.350 27.356	31.444 31.495 31.546 31.603 31.657 31.710 31.763 31.865 31.865	27.292 27.298 27.302 27.312 27.320 27.326 27.332 27.337 27.343 27.348	84.8 84.4 83.4 82.7 82.2 81.6 81.1 80.7	14.401 14.486 14.571 14.655 14.738 14.821 14.902 14.984 15.065 15.145	00000000000	1481.3 1481.6 1481.5 1481.5 1481.5 1481.5 1481.5 1481.7 1481.9	8051.9 8194.9 8338.6 8483.2 8628.6 8774.8 8921.9 9069.7 9218.3 9367.7	3.4 2.2 7.5 12.5 6.7 4.3 8.8 2.9

Station	78	Latitude	32° 38.	04'N	Longitu	de 128°	18.54'W	04	May 1991	GMT 20	:57	Bottom	4400 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn.Ht	LTR	sv	TF	N ²
ďb	m	*c	·c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	J/kg	0/0	m/s	m ³ /s ²	10 ⁶ /s ²
1000.0	992.2	3.853	3.778	34.439	27.362	31.970	27.355	79.6	15.225	.0	1481.9	9517.9	8.7
1020.0 1040.0	1011.9 1031.7	3.790 3.724	3.714 3.647	34.443 34.450	27.373 27.385	32.072 32.178	27.365	78.7	15.384	٠.٥	1481.9	9820.6	6.1
1060.0	1051.5	3.677	3.599	34.456	27.394	32.279	27.377 27.386	77.6 76.8	15.540 15.694	.0	1482.0 1482.1	10126.4 10435.3	4.0 3.5
1080.0 1100.0	1071.3 1091.0	3.635	3.556	34.464	27.404	32.382	27.396	75.9	15.847	.0	1482.3	10747.1	5.8
1120.0	1110.8	3.608 3.568	3.527 3.486	34.473 34.478	27.415 27.423	32.484 32.584	27.407 27.415	75.0 74.3	15.998 16.147	.0	1482.5 1482.7	11061.9 11379.7	6.7
1140.0	1130.6	3.496	3.413	34.482	27.433	32.688	27.425	73.3	16.295	:0	1482.7	11700.3	5.0 6.7
1160.0 1180.0	1150.3 1170.1	3.454 3.430	3.369 3.344	34.488 34.497	27.442	32.789	27.434	72.5	16.441	.0	1482.9	12023.9	5.3
1200.0	1189.9	3.376			27.451	32.890	27.443	71.7	16.585	.0	1483.1	12350.2	10.3
1220.0	1209.6	3.323	3.289 3.235	34.503 34.507	27.462 27.470	32.993 33.094	27.453 27.462	70.8 70.0	16.727 16.868	.0	1483.2 1483.3	12679.4 13011.3	3.2 3.2
1240.0	1229.4	3.265	3.176	34.511	27.479	33.195	27.470	69.2	17.007	.0	1483.4	13345.9	6.8
1260.0 1280.0	1249.1 1268.9	3.204 3.160	3.114 3.069	34.516 34.520	27.489 27.496	33.298 33.398	27.480 27.487	68.2 67.5	17.145	.0	1483.5	13683.3	2.4
1300.0	1288.6	3.137	3.044	34.525	27.502	33.495	27.493	67.0	17.280 17.415	.0	1483.7 1483.9	14023.3 14365.9	4.7
1320.0 1340.0	1308.4 1328.1	3.107 3.064	3.013	34.528	27.507	33.593	27.498	66.6	17.549	.0	1484.1	14711.2	6.5
1360.0	1347.9	3.029	2.969 2.932	34.532 34.535	27.514 27.520	33.692 33.790	27.506 27.511	66.0 65.4	17.681 17.813	.0	1484.3 1484.5	15059.0 15409.5	3.6 4.5
1380.0	1367.6	2.992	2.894	34.538	27.526	33.888	27.517	64.9	17.943	.ŏ	1484.6	15762.4	1.4
1400.0 1420.0	1387.4 1407.1	2.976 2.943	2.876 2.842	34.540 34.543	27.529	33.982	27.520	64.7	18.072	.0	1484.9	16117.9	3.0
1440.0	1426.8	2.903	2.801	34.546	27.535 27.540	34.080 34.178	27.526 27.531	64.2 63.7	18.201 18.329	.0	1485.1 1485.3	16475.9 16836.5	2.8 6.9
1460.0 1480.0	1446.6	2.865	2.762	34.549	27.547	34.277	27.538	63.1	18.456	.0	1485.4	17199.4	2.5
1500.0	1466.3 1486.0	2.834 2.802	2.730 2.697	34.552 34.555	27.552 27.557	34.374 34.471	27.542 27.548	62.6 62.2	18.582 18.707	٠.٥	1485.6 1485.8	17564.9	.4
1520.0	1505.8	2.766	2.659	34.558	27.563	34.569	27.553	61.6	18.830	.0	1486.0	17932.8 18303.1	4.9
1540.0 1560.0	1525.5 1545.2	2.735 2.716	2.627 2.606	34.562 34.564	27.568 27.572	34.666	27.559	61.1	18.953	.0	1486.2	18675.8	-1.0
1580.0	1564.9	2.675	2.565	34.568	27.579	34.761 34.861	27.563 27.570	60.B 60.1	19.075 19.196	.0	1486.5 1486.6	19050.9 19428.3	1.1 2.6
1600.0	1584.7	2.629	2.517	34.572	27.586	34.960	27.576	59.4	19.315	.0	1486.8	19808.0	7.5
1620.0 1640.0	1604.4 1624.1	2.596 2.561	2.483 2.447	34.574 34.578	27.591 27.597	35.057 35.155	27.581 27.587	58.9 58.4	19.434 19.551	٠٥.	1487.0 1487.2	20190.1	1.1
1660.0	1643.8	2.534	2.419	34.580	27.601	35.251	27.591	58.0	19.667	.0	1487.4	20574.5 20961.1	3.5 4.4
1680.0 1700.0	1663.5 1683.3	2.511 2.483	2.394 2.364	34.583 34.584	27.605	35.346	27.596	57.6	19.783	.0	1487.6	21350.0	4.4
1720.0	1703.0	2.450	2.330	34.587	27.609 27.614	35.442 35.539	27.599 27.604	57.3 56.8	19.898 20.012	.0	1487.8 1488.0	21741.1 22134.4	2.6 2.9
1740.0	1722.7	2.429	2.308	34.589	27.618	35.634	27.608	56.5	20.125	.ŏ	1488.3	22529.9	3.5
1760.0 1780.0	1742.4 1762.1	2.392 2.371	2.270 2.247	34.592 34.594	27.623 27.626	35.731 35.826	27.613 27.616	55.9 55.6	20.237	٠.٥	1488.4	22927.6	2.4
1800.0	1781.8	2.359	2.234	34.595	27.628	35.919	27.618	55.5	20.349	.0	1488.7	23327.5	1.8
1820.0	1801.5	2.332	2.205	34.598	27.633	36.015	27.622	55.1	20.460	:0	1489.0 1489.2	23729.5 24133.7	3.3 .7
1840.0 1860.0	1821.2 1840.9	2.311 2.284	2.183 2.155	34.599	27.636	36.109	27.625	54.8	20.681	.0	1489.4	24540.0	.1
1880.0	1860.6	2.257	2.127	34.602 34.604	27.640 27.644	36.205 36.301	27.630 27.634	54.4 54.0	20.790 20.898	.0	1489.7 1489.9	24948.4 25358.9	3.0
1900.0	1880.3	2.239	2.108	34.606	27.647	36.395	27.637	53.7	21.006	.0	1490.1	25771.6	: 4
1920.0 1940.0	1900.0 1919.7	2.217 2.195	2.083 2.061	34.607 34.610	27.650 27.654	36.489 36.584	27.640 27.643	53.4 53.1	21.113	.0	1490.4	26186.3	1.6
1960.0	1939.3	2.175	2.039	34.611	27.657	36.678	27.645	52.8	21.219 21.325	.0	1490.6 1490.9	26603.0 27021.8	4.6 1.0
1980.0	1959.0	2.162	2.025	34.613	27.660	36.772	27.649	52.6	21.431	.ŏ	1491.2	27442.7	1
2000.0 2050.0	1978.7 2027.9	2.141 2.091	2.002 1.949	34.614 34.618	27.663 27.670	36.866 37.101	27.652 27.659	52.4	21.536	.0	1491.4	27865.5	3.4
2096.0	2073.2	2.054	1.909	34.623	27.677	37.316	27.659	51.7 51.1	21.796 22.032	.0	1492.0 1492.6	28931.6 29923.3	1.1
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Station		Latitude	32° 51.	90'N	Longit	ude 128°	11.50'W	04	May 1991	GMT 23	:51	Bottom	4580 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma -0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	-	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.912 15.038 14.975 14.944 14.921 14.577 14.541 14.402 14.402 14.236	15.912 15.037 14.972 14.939 14.570 14.572 14.392 14.273 14.224	33.175 33.142 33.135 33.132 33.176 33.192 33.189 33.179 33.192	24.365 24.532 24.541 24.546 24.552 24.659 24.680 24.707 24.724 24.745	24.365 24.576 24.629 24.679 24.728 24.880 24.945 25.016 25.143	24.365 24.532 24.540 24.545 24.550 24.678 24.678 24.705 24.721 24.742	355.2 339.6 339.1 338.8 338.7 328.7 327.0 324.7 323.4 321.6	.000 .348 .687 1.026 1.365 1.700 2.028 2.354 2.678 3.000	00000000000	1508.0 1505.4 1505.3 1505.5 1504.6 1504.7 1504.2 1504.2	.0 1.8 6.9 15.4 27.4 42.6 61.2 83.0 108.1 136.4	.0 8.9 9.8 5.4 7.2 84.1 8.3 31.4 3.0 16.2
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.2	14.264 14.316 13.596 12.590 11.002 10.409 10.165 10.042 9.718	14.250 14.300 13.580 12.573 10.985 10.391 10.147 10.023 9.698 9.748	33.224 33.254 33.183 33.190 33.039 33.104 33.212 33.327 33.439 33.642	24.763 24.776 24.871 25.075 25.252 25.406 25.532 25.642 25.784 25.934	25.206 25.263 25.403 25.655 25.881 26.253 26.408 26.597 26.791	24.760 24.772 24.867 25.072 25.249 25.403 25.529 25.639 25.781 25.930	320.2 319.3 310.4 290.9 274.0 259.4 247.6 237.3 223.9 210.0	3.321 3.956 4.257 4.539 4.805 5.059 5.302 5.534 5.750	00000000000	1504.5 1504.8 1502.5 1499.3 1493.8 1491.3 1491.2 1490.3 1490.9	167.8 202.5 240.3 281.2 325.0 371.5 420.6 472.1 526.0 582.1	22.6 42.3 180.9 196.3 150.9 82.8 110.3 68.7 179.7 113.5
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.7 268.7 278.6 288.5	9.626 9.552 9.3856 9.288 9.078 8.918 8.822 8.684 8.619	9.604 9.528 9.357 9.331 9.262 9.051 8.890 8.793 8.654 8.589	33.735 33.774 33.829 33.848 33.887 33.957 33.978 33.992 34.021 34.035	26.030 26.073 26.144 26.164 26.205 26.294 26.335 26.361 26.406 26.427	26.933 27.021 27.138 27.202 27.290 27.424 27.512 27.583 27.674 27.740	26.027 26.070 26.140 26.160 26.201 26.289 26.331 26.357 26.402 26.422	201.0 197.1 190.5 188.9 185.1 176.8 173.0 170.7 166.6 164.8	5.955 6.154 6.348 6.538 6.726 6.906 7.081 7.253 7.422 7.587	0000000000	1490.6 1490.2 1490.3 1490.2 1489.3 1489.3 1489.1 1488.8 1488.7	640.3 700.5 762.6 826.7 892.6 960.3 1029.8 1101.0 1173.9 1248.4	33.2 47.6 34.4 34.7 59.6 58.1 19.4 62.2 24.9
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	8.529 8.330 8.278 8.082 7.851 7.735 7.667 7.495 7.279	8.498 8.298 8.245 8.048 7.817 7.700 7.632 7.459 7.243 7.182	34.052 34.077 34.084 34.089 34.089 34.090 34.092 34.088 34.082 34.082	26.455 26.504 26.518 26.551 26.586 26.603 26.615 26.637 26.662 26.670	27.814 27.910 27.969 28.049 28.131 28.194 28.252 28.321 28.393 28.447	26.450 26.500 26.513 26.546 26.581 26.598 26.610 26.632 26.657 26.665	162.2 157.6 156.5 153.4 150.1 148.6 147.6 145.5 145.5 143.1	7.751 7.911 8.068 8.223 8.375 8.524 8.672 8.818 8.962 9.105	0000000000	1488.6 1488.0 1488.0 1487.4 1486.7 1486.3 1485.8 1485.8 1485.1	1324.6 1402.4 1481.7 1562.6 1728.9 1814.3 1901.1 1989.3 2079.0	38.4 49.8 33.4 52.1 27.5 13.7 36.2 23.6 17.4 12.1
400.0 410.0 420.0 430.0 440.0 450.0 470.0 480.0 490.0	397.8 407.7 417.6 427.5 437.4 447.4 457.3 467.2 477.1	7.122 6.774 6.607 6.525 6.466 6.414 6.324 6.185 6.084 6.300	7.084 6.736 6.569 6.487 6.427 6.374 6.283 6.144 6.043 6.257	34.081 34.049 34.049 34.056 34.073 34.078 34.068 34.062 34.110	26.684 26.706 26.728 26.735 26.752 26.772 26.788 26.798 26.806 26.817	28.507 28.578 28.647 28.764 28.830 28.8949 29.004 29.058	26.678 26.701 26.723 26.730 26.747 26.767 26.783 26.793 26.801 26.811	141.3 139.0 136.9 136.3 134.8 133.0 131.5 130.6 129.8 129.2	9.247 9.387 9.526 9.662 9.798 9.932 10.064 10.195 10.325	00000000000	1484.8 1483.6 1483.1 1482.9 1482.9 1482.8 1482.7 1482.3 1482.0 1483.1	2170.1 2262.5 2356.4 2451.6 2548.1 2646.0 2745.2 2845.7 2947.5 3050.6	16.8 22.3 36.0 19.0 16.4 69.3 61.7 8.8
500.0 510.0 520.0 530.0 540.0 550.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.6 546.5 556.5 556.4 576.3 586.2	6.221 6.033 6.100 5.885 5.691 5.685 5.602 5.589 5.550 5.527	6.177 5.989 6.054 5.840 5.645 5.639 5.555 5.541 5.601 5.477	34.116 34.092 34.120 34.102 34.102 34.129 34.130 34.152 34.179 34.186	26.831 26.836 26.850 26.863 26.888 26.910 26.920 26.939 26.954 26.974	29.119 29.172 29.230 29.291 29.364 29.489 29.489 29.553 29.612 29.680	26.826 26.831 26.845 26.858 26.882 26.904 26.915 26.933 26.948 26.968	127.9 127.3 126.3 124.9 122.5 120.6 119.6 117.9 116.8 114.8	10.583 10.711 10.838 10.963 11.087 11.208 11.328 11.328 11.447 11.564 11.680	•••••••••	1483.0 1482.3 1482.8 1482.1 1481.5 1481.6 1481.6 1481.6 1482.0 1481.7	3154.9 3260.5 3367.4 3475.5 3584.8 3695.3 3807.1 3920.0 4034.0 4149.3	5.0 5.8 13.5 13.7 17.8 10.2 9.6 13.7 14.0
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0 690.0	596.1 606.0 615.9 625.8 635.8 645.7 655.6 665.5 675.4 685.3	5.505 5.439 5.405 5.331 5.254 5.139 5.110 5.080 5.052 5.023	5.455 5.388 5.353 5.279 5.201 5.086 5.057 5.025 4.997 4.968	34.203 34.213 34.224 34.237 34.234 34.232 34.243 34.243 34.250 34.259 34.267	26.990 27.006 27.019 27.038 27.045 27.056 27.069 27.078 27.088 27.098	29.742 29.805 29.864 29.929 29.983 30.042 30.100 30.155 30.212 30.268	26.984 27.000 27.013 27.032 27.039 27.050 27.062 27.071 27.082 27.092	113.4 111.9 110.8 109.0 108.4 107.2 106.1 105.4 104.4	11.794 11.907 12.018 12.128 12.237 12.344 12.451 12.557 12.662 12.766	.00000000000000000000000000000000000000	1481.8 1481.7 1481.8 1481.6 1481.5 1481.2 1481.2 1481.3 1481.4 1481.4	4265.6 4383.1 4501.7 4621.3 4742.0 4863.8 4986.7 5110.6 5235.5 5361.5	21.3 19.3 17.2 9.6 17.5 3.7 8.1 9.6 11.6
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.5 784.3	4.951 4.927 4.784 4.770 4.655 4.549 4.505 4.457 4.419 4.345	4.895 4.870 4.727 4.713 4.597 4.491 4.446 4.398 4.359 4.285	34.276 34.292 34.287 34.294 34.299 34.289 34.296 34.306 34.314 34.317	27.113 27.129 27.141 27.149 27.164 27.169 27.179 27.192 27.203 27.213	30.330 30.392 30.452 30.505 30.568 30.621 30.677 30.737 30.794 30.851	27.107 27.123 27.135 27.142 27.157 27.162 27.172 27.185 27.196 27.206	102.2 100.7 99.5 98.9 97.4 96.8 95.9 94.7 93.7 92.7	12.868 12.970 13.070 13.169 13.268 13.365 13.461 13.556 13.650 13.744	.00.00	1481.3 1481.4 1480.9 1481.1 1480.7 1480.5 1480.4 1480.4 1480.4	5488.5 5616.5 5745.4 5875.4 6006.3 6138.2 6271.0 6404.8 6539.5 6675.1	12.5 18.7 14.8 14.8 22.4 5.7 6.6 8.1 1.9
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.3 804.2 814.0 824.0 833.8 843.8 853.7 863.5 873.4 883.3	4.313 4.250 4.246 4.253 4.231 4.203 4.171 4.154 4.123 4.099	4.252 4.188 4.184 4.189 4.167 4.138 4.106 4.088 4.056 4.032	34.326 34.331 34.342 34.348 34.356 34.368 34.371 34.376 34.383	27.224 27.231 27.235 27.243 27.250 27.259 27.273 27.277 27.284 27.292	30.909 30.962 31.013 31.066 31.119 31.175 31.234 31.285 31.338 31.392	27.217 27.224 27.229 27.236 27.243 27.253 27.266 27.270 27.277	89.5 88.6 87.4 87.1 86.4	13.836 13.927 14.018 14.108 14.198 14.287 14.375 14.462 14.549 14.635	.00000000000000000000000000000000000000	1480.4 1480.3 1480.6 1480.6 1480.8 1480.8 1480.9 1480.9 1481.0	6811.7 6949.1 7087.4 7226.7 7366.8 7507.8 7649.6 7792.3 7935.9 8080.3	2.2 5.4 7.8 9.8 18.6 9.0 6.0 2.2 10.1
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.101 4.085 4.046 4.032 3.992 3.945 3.942 3.940 3.921 3.911	4.033 4.016 3.977 3.962 3.921 3.874 3.870 3.867 3.847 3.837	34.389 34.395 34.400 34.405 34.412 34.414 34.419 34.428 34.432 34.436	27.297 27.303 27.311 27.316 27.327 27.333 27.337 27.345 27.350 27.354	31.442 31.494 31.549 31.600 31.657 31.710 31.760 31.813 31.864 31.915	27.290 27.296 27.304 27.309 27.319 27.325 27.330 27.338 27.342 27.347	84.9 84.1 83.7 82.7 82.2 81.9 81.2 80.8	14.721 14.806 14.891 14.974 15.057 15.140 15.222 15.304 15.385 15.465	0000000000	1481.2 1481.3 1481.4 1481.4 1481.4 1481.6 1481.7 1481.8 1481.9	8225.5 8371.6 8518.5 8666.3 8814.8 8964.2 9114.4 9265.4 9417.2 9569.7	7.8 12.5 5.8 8.4 4 10.2 2.8 4.3 7.0

Station	79	Latitude	32° 51.	90'N	Longitu	de 128°	11.50'W	04	May 1991	GMT 23	:51	Bottom	4580 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t		Dyn.Ht	LTR	sv	m ³ /s ²	N ²
ďb	m	.c	.c	0/00	kg/m ³	kg/m ³	kg/m ³	$10^8 m^3/kg$	J/kg	0/0	m/s	m ³ /s ²	10 ⁶ /s ²
1000.0	992.2	3.886	3.811	34.442	27.361	31.968	27.354	79.8	15.545	.0	1482.0	9723.1	12.8
1020.0 1040.0	1011.9 1031.7	3.824 3.795	3.749	34.450	27.375	32.074	27.367	78.6	15.703	.0	1482.1	10032.1	1.4
1060.0	1051.5	3.742	3.717 3.664	34.459 34.466	27.384 27.396	32.175 32.279	27.377 27.388	77.8	15.860	٠.	1482.3	10344.3	.8
1080.0	1071.3	3.697	3.617	34.472	27.405	32.381	27.388	76.B 76.0	16.015 16.167	.0	1482.4 1482.6	10659.4 10977.6	4.7 5.5
1100.0	1091.0	3.643	3.562	34.479	27.416	32.484	27.408	75.0	16.319	.ŏ	1482.7	11298.8	6.4
1120.0 1140.0	1110.8 1130.6	3.575	3.493	34.480	27.424	32.585	27.416	74.2	16.468	.0	1482.7	11622.8	.0
1160.0	1150.3	3.523 3.494	3.440 3.409	34.483 34.489	27.431 27.439	32.684 32.784	27.423	73.6	16.615	.0	1482.8	11949.8	4.4
1180.0	1170.1	3.440	3.354	34.492	27.439	32.784	27.430 27.438	72.9 72.2	16.762 16.907	.0	1483.1 1483.2	12279.7 12612.4	3.8 6.5
1200.0	1189.9	3.383	3.296								-		
1220.0	1209.6	3.359	3.271	34.496 34.500	27.455 27.461	32.986 .33.084	27.447 27.453	71.4 70.9	17.050 17.193	.0	1483.3	12947.9	2.1
1240.0	1229.4	3.332	3.242	34.504	27.467	33.181	27.458	70.5	17.193	.0	1483.5 1483.7	13286.2 13627.3	3.0 5.0
1260.0	1249.1	3.290	3.199	34.509	27.475	33.282	27.466	69.8	17.474	.ŏ	1483.9	13971.1	2.4
1280.0 1300.0	1268.9 1288.6	3.259	3.166	34.514	27.482	33.380	27.473	69.2	17.613	.0	1484.1	14317.6	2.7
1320.0	1308.4	3.224 3.181	3.130 3.086	34.516 34.521	27.487 27.494	33.477	27.478	68.8	17.751	.0	1484.3	14666.9	5
1340.0	1328.1	3.143	3.047	34.526	27.502	33.577 33.678	27.486 27.494	68.0 67.3	17.888 18.023	.0	1484.4 1484.6	15018.8 15373.4	5.4 4.2
1360.0	1347.9	3.115	3.017	34.532	27.510	33.777	27.501	66.7	18.157	.ŏ	1484.8	15730.6	2.7
1380.0	1367.6	3.086	2.987	34.535	27,515	33.874	27.506	66.2	18.290	ō	1485.0	16090.4	2.5
1400.0	1387.4	3.032	2.932	34.536	27.521	33.972	27.512	65.6	18.422	.0	1485.1	16452.8	1.0
1420.0 1440.0	1407.1	3.014	2.913	34.536	27.523	34.066	27.514	65.5	18.553	.ŏ	1485.4	16817.7	1.6
1460.0	1426.8 1446.6	2.989 2.945	2.886 2.842	34.540 34.544	27.528	34.163	27.519	65.1	18.684	.0	1485.6	17185.2	2.2
1480.0	1466.3	2.899	2.794	34.547	27.535 27.542	34.262 34.362	27.526 27.533	64.4 63.7	18.813 18.941	٠.٥	1485.8	17555.2	4.0
1500.0	1486.1	2.869	2.763	34.553	27.549	34.460	27.540	63.1	19.068	.0	1485.9 1486.1	17927.7 18302.7	1.6 6.3
1520.0	1505.8	2.820	2.713	34.557	27.557	34.561	27.548	62.3	19.193	.ŏ	1486.2	18680.1	7
1540.0 1560.0	1525.5 1545.2	2.776 2.719	2.668	34.559	27.563	34.659	27.553	61.8	19.317	.0	1486.4	19060.0	3.4
1580.0	1565.0	2.658	2.609 2.548	34.561 34.566	27.569 27.579	34.758 34.861	27.560 27.569	61.0	19.440	.0	1486.5	19442.3	9.0
1600.0	1584.7							60.1	19.561	.0	1486.6	19826.9	-3.3
1620.0	1604.4	2.618 2.592	2.506 2.479	34.568 34.570	27.584 27.588	34.958	27.574	59.6	19.681	.0	1486.7	20213.9	1
1640.0	1624.1	2.563	2.448	34.574	27.594	35.054 35.152	27.578 27.584	59.2 58.7	19.800 19.918	٠٥.	1486.9	20603.2	5.2
1660.0	1643.8	2.535	2.420	34.576	27.598	35.248	27.588	58.3	20.035	.0	1487.2 1487.4	20994.7 21388.6	3.5 2.9
1680.0 1700.0	1663.6	2.519	2.401	34.581	27.603	35.344	27.593	57.9	20.151	.ŏ	1487.6	21784.7	3.5
1720.0	1683.3 1703.0	2.497 2.467	2.379 2.347	34.583 34.587	27.607 27.613	35.439	27.597	57.5	20.266	.0	1487.9	22183.1	-1.2
1740.0	1722.7	2.435	2.314	34.588	27.613	35.537 35.632	27.603 27.606	57.0 56.6	20.381 20.494	.0	1488.1 1488.3	22583.6 22986.4	3.8
1760.0	1742.4	2.418	2.295	34.590	27.619	35.726	27.609	56.4	20.608	:0	1488.6	23391.4	.3 2.7
1780.0	1762.1	2.391	2.267	34.593	27.624	35.822	27.613	56.0	20.720	.ŏ	1488.8	23798.6	1.8
1800.0	1781.8	2,366	2.241	34.595	27.628	35.918	27.617	55.6	20.831	.0	1489.0	24207.9	-2.6
1820.0	1801.5	2.342	2.216	34.596	27.631	36.012	27.620	55.3	20.943	.ŏ	1489.2	24619.4	2.1
1840.0 1860.0	1821.2 1840.9	2.325 2.298	2.197	34.598	27.634	36.106	27.623	55.1	21.053	.0	1489.5	25033.1	1.3
1880.0	1860.6	2.264	2.134	34.600 34.603	27.638 27.643	36.202 36.299	27.627 27.632	54.7 54.2	21.163 21.272	.0	1489.7	25448.8	7.7
1900.0	1880.3	2.248	2.116	34.604	27.645	36.392	27.634	54.0	21.272	.0	1489.9 1490.2	25866.7 26286.7	.1 2.8
1920.0	1900.0	2.224	2.091	34.606	27.649	36.487	27.638	53.6	21.487	.ŏ	1490.4	26708.7	1.3
1940.0 1960.0	1919.7 1939.3	2.207 2.185	2.072 2.049	34.608 34.610	27.652	36.581	27.641	53.4	21.594	.0	1490.7	27132.8	4.0
1980.0	1959.0	2.161	2.049	34.610	27.655 27.659	36.676 36.771	27.644 27.648	53.0 52.7	21.701	٠.٥	1490.9	27559.0	.8
2000.0	1978.7					-			21.807	.0	1491.1	27987.3	2.8
2050.0	2027.9	2.138 2.091	2.000 1.949	34.614 34.619	27.663 27.670	36.866 37.101	27.652 27.659	52.3	21.912	.0	1491.4	28417.5	4.3
2094.0	2071.2	2.055	1.910	34.622	27.676	37.307	27.665		22.172 22.398	.0	1492.0 1492.6	29502.0 30466.7	.8
						• • • •	_ /				1434.0	30400./	.0

Station	80	Latitude	33. 02.3	35'N	Longitu	de 128°			May 1991				4550 m N ²
Pres.	Depth m	Temp.	Pot.T. C	Sal 0/00	Sigma -0 kg/m ³	Sigma-z kg/m ³	•	10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.055 14.946 14.904 14.883 14.868 14.593 14.374 14.239 14.239 13.252	15.055 14.945 14.901 14.879 14.862 14.586 14.365 14.229 14.067 13.239	33.201 33.196 33.196 33.199 33.199 33.196 33.190 33.193 33.207 33.135	24.574 24.594 24.601 24.611 24.614 24.713 24.713 24.789 24.902	24.574 24.638 24.692 24.743 24.791 24.892 24.879 25.143 25.302	24.574 24.594 24.603 24.610 24.613 24.670 24.711 24.742 24.786 24.899	335.3 333.7 333.1 332.8 332.7 327.5 323.8 321.1 317.2 306.5	.000 .335 .668 1.001 1.334 1.664 1.990 2.312 2.632 2.945	0000000000	1505.4 1505.2 1505.3 1505.4 1504.7 1504.1 1503.9 1503.5 1500.8	.0 1.7 6.7 15.0 26.6 41.5 59.7 81.2 105.8 133.6	.0 11.8 6.3 6.0 9.5 66.6 31.4 26.7 61.2
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.2 179.2 189.1	11.955 11.745 10.713 10.254 10.191 10.198 10.225 10.117 10.012 9.876	11.942 11.731 10.699 10.240 10.175 10.180 10.206 10.097 9.991 9.855	33.022 33.137 33.106 33.196 33.383 33.554 33.685 33.752 33.792 33.835	25.065 25.193 25.355 25.503 25.660 25.793 25.890 25.962 26.011 26.067	25.512 25.685 25.894 26.090 26.291 26.468 26.611 26.727 26.822 26.924	25.062 25.190 25.352 25.501 25.657 25.790 25.887 25.958 26.007 26.064	291.1 279.1 263.7 249.7 235.0 222.7 213.6 207.0 202.6 197.4	3.245 3.531 3.801 4.058 4.301 4.529 4.747 4.958 5.163 5.364	0000000000	1496.4 1496.0 1492.5 1491.1 1491.3 1491.7 1492.1 1492.0 1491.8 1491.5	164.4 198.1 234.6 273.7 315.3 359.2 405.4 453.6 503.9 556.3	182.9 191.1 62.6 86.3 250.3 89.2 150.2 34.5 33.3 53.5
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 218.9 228.9 238.8 248.8 258.7 268.6 278.5 288.5	9.783 9.647 9.534 9.447 9.349 9.288 9.028 8.931 8.840 8.738	9.761 9.623 9.509 9.422 9.323 9.261 9.000 8.902 8.810 8.708	33.859 33.900 33.936 33.953 33.971 33.992 33.986 33.987 34.000 34.015	26.101 26.156 26.203 26.231 26.261 26.287 26.324 26.340 26.366 26.393	27.003 27.104 27.196 27.269 27.345 27.416 27.500 27.562 27.633 27.706	26.097 26.153 26.199 26.227 26.257 26.283 26.320 26.336 26.361 26.388	194.4 189.3 185.0 182.6 179.9 177.5 174.1 172.7 170.5 168.0	5.560 5.752 5.939 6.122 6.304 6.483 6.659 6.832 7.004 7.173	00000000000	1491.4 1491.1 1490.9 1490.8 1490.5 1489.7 1489.5 1489.4 1489.2	610.6 666.8 724.9 784.8 846.5 910.1 975.4 1042.4 1111.1 1181.5	36.8 54.9 66.9 13.0 29.7 38.8 3.3 39.6 47.2
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.4 308.4 318.3 328.2 338.1 348.1 358.0 367.9 387.9	8.671 8.604 8.558 8.470 8.362 8.240 8.144 8.077 7.970 7.865	8.640 8.572 8.525 8.436 8.326 8.204 8.108 8.040 7.932 7.826	34.025 34.033 34.036 34.049 34.079 34.074 34.079 34.086 34.094	26.411 26.428 26.438 26.462 26.513 26.513 26.531 26.545 26.566 26.568	27.769 27.832 27.887 27.957 28.027 28.100 28.164 28.224 28.291 28.359	26.406 26.423 26.433 26.457 26.481 26.508 26.525 26.5540 26.561 26.582	166.5 165.0 164.2 162.1 159.9 157.5 155.9 154.7 152.7	7.340 7.506 7.670 7.833 7.995 8.153 8.310 8.465 8.619 8.771	0000000000	1489.0 1489.0 1488.8 1488.6 1488.3 1488.1 1488.0 1487.8 1487.6	1253.6 1327.3 1402.7 1479.7 1558.2 1638.4 1720.1 1803.4 1888.2 1974.5	6.8 5.9 20.0 12.4 28.4 18.8 10.6 18.5 30.5 22.8
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.6 417.5 427.5 437.4 447.3 457.3 467.2 477.1 487.0	7.772 7.694 7.578 7.482 7.393 7.238 7.168 7.120 6.987 6.910	7.733 7.653 7.537 7.440 7.351 7.195 7.124 7.075 6.942 6.864	34.099 34.106 34.112 34.116 34.119 34.121 34.121 34.123 34.131 34.139	26.606 26.623 26.644 26.661 26.676 26.710 26.718 26.718 26.743 26.759	28.423 28.486 28.553 28.617 28.678 28.747 28.805 28.858 28.930 28.993	26.600 26.617 26.638 26.655 26.670 26.692 26.704 26.712 26.737 26.753	149.2 147.7 145.8 144.2 142.9 140.8 139.8 139.2 136.8 135.4	8.921 9.069 9.216 9.361 9.505 9.647 9.787 9.787 10.065	00000000000	1487.4 1487.3 1487.8 1486.6 1486.6 1486.2 1486.0 1485.7 1485.6	2062.3 2151.6 2242.3 2334.5 2428.1 2523.2 2619.6 2717.4 2816.5 2917.1	19.0 28.4 15.8 31.0 9.3 22.4 13.1 9.8 10.1
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 590.0	496.9 506.8 516.8 526.7 536.6 546.4 566.3 576.3 586.2	6.816 6.784 6.627 6.566 6.509 6.412 6.192 6.077 5.963 5.888	6.769 6.736 6.580 6.517 6.460 6.363 6.142 6.027 5.913 5.837	34.142 34.152 34.153 34.155 34.156 34.148 34.156 34.157 34.158	26.774 26.779 26.808 26.817 26.826 26.840 26.861 26.882 26.898 26.907	29.055 29.105 29.181 29.236 29.291 29.352 29.422 29.490 29.552 29.609	26.768 26.773 26.802 26.810 26.833 26.855 26.876 26.892 26.901	134.0 133.7 130.9 130.1 129.4 128.1 125.9 123.9 122.4 121.5	10.336 10.469 10.602 10.733 10.863 10.992 11.118 11.243 11.366 11.488	0000000000	1485.3 1485.4 1484.9 1484.9 1484.6 1483.6 1483.6 1483.3 1483.1	3018.9 3122.1 3226.6 3332.4 3439.5 3547.8 3657.8 3768.3 3880.4 3993.7	12.4 2.5 18.9 7.4 11.5 35.5 4.7 16.4 21.1
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.7 645.6 665.6 675.4 685.3	5.704 5.658 5.468 5.397 5.210 5.185 5.107 4.962 4.927	5.653 5.416 5.416 5.345 5.225 5.156 5.131 5.053 4.907 4.872	34.161 34.156 34.147 34.149 34.167 34.191 34.200 34.196 34.208	26.933 26.935 26.950 26.960 26.985 27.019 27.019 27.035 27.049 27.062	29.682 29.731 29.794 29.851 29.982 30.050 30.113 30.174 30.234	26.927 26.929 26.944 26.954 26.979 26.991 27.013 27.029 27.042 27.056	119.1 118.9 117.3 116.4 114.0 112.9 110.9 109.4 108.0 106.7	11.608 11.727 11.845 11.962 12.077 12.190 12.302 12.412 12.521 12.628	00000000000	1482.6 1482.5 1481.9 1481.8 1481.5 1481.5 1481.3 1480.9 1480.9	4108.2 4223.8 4340.6 4458.6 4577.7 4698.0 4819.3 4941.8 5065.3 5189.9	29.0 -1.2 9.3 25.4 21.0 16.6 9.3 16.3 19.2
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.7 754.6 764.5 774.4 784.3	5.080 5.055 5.006 4.976 4.941 4.928 4.843 4.777 4.708 4.672	5.023 4.997 4.948 4.917 4.881 4.867 4.782 4.715 4.647 4.610	34.259 34.270 34.284 34.290 34.296 34.297 34.308 34.317 34.320 34.333	27.085 27.097 27.114 27.122 27.131 27.152 27.166 27.176 27.190	30.300 30.357 30.420 30.475 30.529 30.578 30.644 30.705 30.761 30.822	27.079 27.090 27.107 27.115 27.124 27.126 27.145 27.159 27.169 27.183	105.0 104.0 102.5 101.8 101.0 100.8 99.0 97.7 96.8 95.4	12.734 12.839 12.942 13.044 13.145 13.246 13.346 13.444 13.541 13.637	0000000000	1481.8 1481.9 1481.8 1481.9 1481.9 1482.0 1481.9 1481.7 1481.7	5315.5 5442.2 55698.6 5828.3 5959.0 6090.7 6223.3 6356.9 6491.5	22.8 3.5 6.1 4.3 1 12.2 19.0 12.8 12.8
800.0 810.0 820.0 840.0 850.0 860.0 870.0 890.0	794.2 804.1 814.0 823.9 833.8 843.6 863.5 873.4 883.3	4.642 4.565 4.519 4.486 4.438 4.413 4.330 4.291 4.205 4.245	4.579 4.501 4.455 4.422 4.373 4.347 4.264 4.224 4.138 4.177	34.343 34.346 34.354 34.358 34.362 34.372 34.372 34.377 34.377	27.202 27.213 27.224 27.231 27.239 27.250 27.259 27.267 27.276 27.276	30.880 30.938 30.996 31.049 31.161 31.217 31.271 31.328 31.382	27.195 27.206 27.217 27.224 27.232 27.243 27.252 27.260 27.269 27.278	94.4 93.3 92.3 91.7 90.9 90.0 89.0 88.3 87.4 86.7	13.733 13.826 13.919 14.011 14.103 14.193 14.283 14.372 14.459 14.547	0000000000	1481.7 1481.6 1481.6 1481.6 1481.7 1481.5 1481.5 1481.3	6627.0 6763.4 6900.8 7039.0 7178.2 7318.2 7459.1 7600.9 7743.6 7887.1	23.4 6.7 14.9 20.1 5.8 8.4 17.5 4.9 3.7
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.6 952.6 962.5 972.4 982.3	4.239 4.211 4.177 4.157 4.140 4.122 4.101 4.064 3.999 3.967	4.170 4.141 4.107 4.086 4.068 4.050 4.028 3.990 3.925 3.892	34.403 34.411 34.415 34.420 34.425 34.431 34.431 34.436 34.435	27.288 27.297 27.306 27.312 27.318 27.324 27.330 27.337 27.345 27.348	31.430 31.485 31.541 31.593 31.645 31.696 31.749 31.802 31.857 31.907	27.281 27.290 27.299 27.310 27.316 27.323 27.330 27.337 27.340	86.5 85.7 84.9 84.4 83.9 82.9 82.2 81.4	14.633 14.719 14.805 14.889 14.974 15.057 15.141 15.223 15.305 15.386	0000000000	1481.8 1481.8 1481.9 1482.0 1482.1 1482.2 1482.3 1482.1 1482.2	8031.5 8176.7 8322.8 8469.7 8617.4 8766.0 8915.3 9065.5 9216.5 9368.3	5.2 11.1 5.2 8.1 7.6 11.4 7.0 11.1 2.3

Station	80	Latitude	33' 05.	35'N	Longitu	de 128°	04.89'W	04	May 1991	GMT	2:35	Bottom	
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn.Ht	LTR		m ³ /s ²	N ² 10 ⁶ /s ²
db	m aaa t	•c	.c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	•	0/0			
1000.0 1020.0	992.1 1011.9	3.956 3.903	3.881 3.826	34.438 34.450	27.351 27.366	31.956 32.063	27.344 27.359	80.9 79.6	15.467 15.628	.0	1482.3 1482.4	9520.9 9828.4	3.5 6.4
1040.0	1031.7	3.861	3.783	34.455	27.375	32.164	27.367	78.8	15.786	.0	1482.6	10139.0	3.2
1060.0 1080.0	1051.5 1071.2	3.775 3.634	3.696	34.453	27.382	32.264	27.374	78.1	15.943	.0		10452.8	4.4
1100.0	1091.0	3.634	3.555 3.553	34.459 34.468	27.401 27.408	32.37B 32.476	27.393 27.400	76.2 75.7	16.097 16.250	.0		10769.5 11089.3	4.9 4.1
1120.0	1110.8	3.600	3.518	34.473	27.416	32.576	27.407	75.1	16.400	.0	1482.8	11412.0	8.8
1140.0 1160.0	1130.6 1150.3	3.539 3.497	3.456 3.412	34.481	27.428	32.681	27.420	73.9	16.549	.0	1482.9	11737.7	3.8 3.5
1180.0	1170.1	3.435	3.349	34.490 34.496	27.440 27.450	32.785 32.888	27.431 27.442	72.9 71.9	16.696 16.841	.0		12066.2 12397.6	3.8
1200.0	1189.8	3.397	3.310	34.499	27.456	32.987	27.448	71.3	16.984	.0		12731.8	4.7
1220.0 1240.0	1209.6 1229.3	3.364 3.322	3.275	34.506	27.465	.33.088	27.457	70.6	17.126	-0		13068.8	4.7
1260.0	1249.1	3.302	3.233 3.211	34.510 34.514	27.472 27.477	33.187 33.283	27.464 27.469	70.0 69. 6	17.266 17.406	.0	1483.7 1483.9	13408.6 13751.1	5.6 3.6
1280.0	1268.9	3,273	3.180	34.517	27.483	33.381	27.474	69.1	17.545	.ŏ	1484.1	14096.2	6.8
1300.0	1288.6	3.233	3.139	34.521	27.490	33.481	27.482	68.4	17.682	.0		14444.1	2.7
1320.0 1340.0	1308.4 1328.1	3.200 3.168	3.105 3.071	34.525 34.528	27.496 27.501	33.578 33.675	27.487 27.492	68.0 67.5	17.819 17.954	.0	1484.5 1484.7	14794.7 15147.9	1.8
1360.0	1347.8	3.115	3.018	34.529	27.508	33.775	27.499	66.9	18.088	.ŏ	1484.8	15503.7	2.5
1380.0	1367.6	3.065	2.967	34.531	27.514	33.873	27.505	66.3	18.222	.0		15862.1	5.4
1400.0 1420.0	1387.3 1407.1	3.038 3.003	2.938 2.901	34.533 34.534	27.518 27.522	33.969 34.066	27.509 27.513	65.9 65.5	18.354 18.485	.0		16223.2 16586.8	1.9 1.9
1440.0	1426.8	2.955	2.852	34.537	27.529	34.165	27.520	64.9	18.616	.ŏ	1485.5	16952.9	1.0
1460.0	1446.6	2.921	2.818	34.540	27.535	34.262	27.525	64.4	18.745	.0	1485.7	17321.6	2.8
1480.0 1500.0	1466.3 1486.0	2.879 2.854	2.775 2.747	34.545 34.548	27.542 27.547	34.362 34.458	27.533 27.537	63.7 63.3	18.873 19.000	.0	1485.8 1486.0	17692.7 18066.4	6.9 1.4
1520.0	1505.7	2.829	2,721	34.550	27.551	34.554	27.541	63.0	19.126		1486.3	18442.5	3.1
1540.0	1525.5	2.790	2.681	34.554	27.557	34.653	27.548	62.3	19.251	.0	1486.4	18821.0	5.2
1560.0 1580.0	1545.2 1564.9	2.760 2.721	2.650 2.610	34.558 34.560	27.563 27.569	34.751 34.848	27.554 27.559	61.8 61.3	19.375 19.498	.0	1486.7 1486.8	19202.0 19585.4	1.4 5.5
1600.0	1584.6	2.685	2.572	34.563	27.574	34.946	27.564	60.8	19.620	.0	1487.0	19971.1	1.4
1620.0	1604.4	2.659	2.546	34.564	27.577	35.040	27.567	60.5	19.742	.0	1487.2	20359.2	2.6
1640.0 1660.0	1624.1 1643.8	2.618 2.580	2.503 2.464	34.567 34.571	27.584 27.590	35.139 35.237	27.574 27.580	59.8	19.862 19.981	٠,٥	1487.4 1487.6	20749.6	2.6
1680.0	1663.5	2.555	2.438	34.572	27.593	35.333	27.583	59.2 58.9	20.099	.0	1487.8	21142.4 21537.5	.0 1.5
1700.0	1683.2	2.527	2.408	34.574	27.597	35.428	27.587	58.6	20.217	.0	1488.0	21934.8	3.5
1720.0 1740.0	1702.9 1722.6	2.493 2.472	2.373 2.351	34.577 34.579	27.603 27.606	35.525 35.620	27.592 27.596	58.0 57.7	20.333 20.449	.0	1488.2	22334.5 22736.3	2.1 1.8
1760.0	1742.3	2.446	2.323	34.581	27.610	35.716	27.596	57.4	20.449	.0	1488.4 1488.7	23140.4	7.1
1780.0	1762.1	2.399	2.276	34.584	27.616	35.815	27.606	56.7	20.678	.ŏ	1488.8	23546.8	2
1800.0 1820.0	1781.8 1801.4	2.367 2.341	2.242 2.215	34.586 34.588	27.621 27.625	35.911 36.006	27.610	56.3 55.9	20.791	.0	1489.0	23955.3	2.4
1840.0	1821.2	2.303	2.175	34.592	27.631	36.105	27.614 27.621	55.2	20.903 21.014	.0	1489.2 1489.4	24366.0 24778.9	6.2
1860.0	1840.8	2.284	2.155	34.593	27.633	36.199	27.623	55.0	21.125	.0	1489.6	25193.9	1.6
1880.0	1860.5	2.267	2.137	34.596	27.637	36.293	27.626	54.7	21.234	.0	1489.9	25611.0	3.0
1900.0 1920.0	1880.2 1899.9	2.242 2.221	2.111 2.088	34.598 34.600	27.641 27.645	36.389 36.483	27.631 27.634	54.3 54.0	21.343 21.451	.0	1490.1 1490.4	26030.2 26451.5	2.2 5.4
1940.0	1919.6	2.188	2.053	34.606	27.652	36.582	27.641	53.3	21.559	.ŏ	1490.6	26875.0	1.9
1960.0	1939.3	2.170	2.034	34.606	27.653	36.675	27.642	53.1	21.665	.0	1490.8	27300.4	3.4
1980.0	1959.0	2.139	2.002	34.608	27.657	36.771	27.646	52.7	21.771	.0	1491.0	27728.0	1.6
2000.0 2050.0	1978.7 2027.9	2.115 2.068	1.977 1.926	34.611 34.615	27.662 27.669	36.866 37.101	27.650 27.658	52.3 51.6	21.876 22.136	.0	1491.3 1491.9	28157.5 29240.2	2.3
2096.0	2073.1	2.039	1.894	34.618	27.674	37.315	27.663	51.2	22.372	.ŏ	1492.6	30247.3	ŏ

Station	81	Latitude	32. 59.	11'N	Longit	ude 127°	48.78'W	04	May 1991	GMT 5	5:17	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-6 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.834 14.969 14.868 14.807 14.911 14.452 14.719 14.922 15.107 15.136	15.834 14.967 14.865 14.803 14.905 14.445 14.710 14.911 15.095 15.123	33.203 33.236 33.216 33.224 33.282 33.319 33.436 33.531 33.573	24.404 24.620 24.627 24.669 24.705 24.740 24.781 24.846	24.404 24.664 24.715 24.779 24.846 24.927 25.005 25.096 25.172 25.243	24.404 24.620 24.626 24.646 24.704 24.737 24.784 24.817 24.817	351.5 331.2 330.9 329.3 327.5 324.3 321.3 317.2 314.4 312.2	.000 .342 .673 1.004 1.332 1.658 1.981 2.301 2.617 2.930	00000000000	1507.8 1505.3 1505.1 1505.1 1505.6 1504.2 1505.4 1507.2 1507.5	.0 1.7 6.8 15.1 26.8 41.7 59.8 81.1 105.6 133.2	32.6 4.8 39.3 35.6 36.1 41.1 63.1 49.8
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.1	14.793 13.841 12.551 10.785 10.154 9.928 9.783 9.522 9.468 9.498	14.778 13.826 12.535 10.770 10.138 9.911 9.766 9.504 9.448 9.478	33.548 33.375 33.367 33.158 33.173 33.382 33.497 33.575 33.674	24.901 24.968 25.220 25.382 25.503 25.6728 25.861 25.931 26.003	25.343 25.456 25.755 25.967 26.134 26.451 26.629 26.744 26.862	24.898 24.965 25.217 25.379 25.500 25.642 25.726 25.858 25.828 26.000	307.2 300.9 277.0 261.3 249.9 236.6 228.8 216.4 209.9 203.3	3.240 3.546 3.834 4.102 4.357 4.600 4.832 5.055 5.268 5.475	00000000000	1506.6 1503.4 1499.3 1493.0 1490.9 1490.4 1490.1 1489.5 1489.5	163.9 197.7 234.5 274.0 316.0 360.6 407.5 456.7 508.0 561.4	47.9 270.0 151.5 101.9 147.8 131.9 46.7 135.7 86.2 82.1
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 218.9 228.8 248.8 258.7 268.6 278.6 288.5	9.495 9.446 9.380 9.321 9.204 9.077 8.972 8.883 8.736 8.544	9.473 9.423 9.356 9.296 9.178 9.050 8.944 8.854 8.706 8.514	33.755 33.825 33.883 33.905 33.934 33.956 33.968 33.981 33.989 34.019	26.068 26.131 26.187 26.214 26.255 26.293 26.319 26.343 26.373 26.426	26.971 27.079 27.180 27.253 27.340 27.423 27.495 27.565 27.641 27.740	26.064 26.127 26.183 26.210 26.251 26.289 26.315 26.339 26.368 26.421	197.4 191.6 186.5 184.1 180.3 176.9 174.5 172.4 169.7 164.8	5.676 5.871 6.060 6.245 6.428 6.606 6.782 6.782 7.126 7.126	00000000000	1490.2 1490.3 1490.3 1490.2 1490.0 1489.7 1489.5 1489.3 1489.0 1488.4	616.8 674.2 733.5 794.7 857.6 922.4 988.9 1057.1 1127.1 1198.7	52.0 90.0 18.0 41.4 57.8 19.1 35.2 37.1 44.8
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.4 308.4 318.3 328.2 338.1 348.1 358.0 367.9 377.9 387.8	8.488 8.480 8.271 8.079 8.011 7.853 7.729 7.658 7.505 7.410	8.457 8.448 8.238 8.045 7.976 7.818 7.694 7.622 7.468 7.372	34.038 34.072 34.081 34.089 34.091 34.097 34.097 34.101 34.102	26.450 26.478 26.517 26.552 26.563 26.590 26.610 26.620 26.645 26.660	27.809 27.883 27.968 28.050 28.107 28.180 28.246 28.302 28.374 28.435	26.445 26.473 26.512 26.547 26.558 26.584 26.604 26.615 26.640 26.654	162.7 160.2 156.6 153.3 152.4 149.9 148.1 147.2 144.9 143.6	7.458 7.619 7.778 7.932 8.085 8.236 8.385 8.533 8.679 8.823	0000000000	1488.4 1488.6 1488.0 1487.4 1487.3 1486.6 1486.6 1486.5 1486.5	1272.0 1346.8 1423.3 1501.3 1508.8 1661.8 1744.3 1828.3 1913.7 2000.6	17.3 39.1 26.1 3.5 45.7 20.4 32.4 14.6 36.8
400.0 410.0 420.0 430.0 440.0 450.0 460.0 480.0 490.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1 487.0	7.328 7.226 7.145 7.017 6.849 6.797 6.694 6.609 6.492 6.324	7.290 7.187 7.105 6.977 6.808 6.755 6.652 6.566 6.449 6.281	34.105 34.105 34.107 34.112 34.114 34.115 34.119 34.127 34.129	26.671 26.688 26.699 26.719 26.745 26.754 26.769 26.784 26.805 26.829	28.493 28.556 28.613 28.679 28.753 28.808 28.869 28.930 28.999 29.069	26.666 26.683 26.694 26.713 26.740 26.749 26.763 26.778 26.800 26.823	142.6 141.1 140.1 138.3 135.8 135.1 133.7 132.4 130.4 128.1	8.966 9.108 9.249 9.388 9.525 9.661 9.795 9.928 10.060 10.189	.0000000000	1485.7 1485.4 1485.3 1485.0 1484.5 1484.4 1484.2 1484.0 1483.7 1483.2	2088.9 2178.6 2269.6 2362.1 2456.0 2551.1 2647.7 2745.5 2844.6 2945.1	11.6 7.5 13.3 16.8 11.5 18.5 17.4 14.7 58.3 22.3
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	496.9 506.9 516.8 526.7 536.6 546.5 556.4 566.3 576.3	6.207 6.116 5.993 5.930 5.829 5.806 5.607 5.546 5.576	6.163 6.071 5.948 5.884 5.782 5.759 5.647 5.558 5.497 5.526	34.135 34.138 34.139 34.144 34.152 34.162 34.161 34.166 34.190	26.849 26.863 26.879 26.887 26.903 26.913 26.934 26.944 26.956 26.971	29.136 29.197 29.260 29.315 29.378 29.433 29.502 29.559 29.616 29.677	26.843 26.857 26.873 26.881 26.898 26.907 26.928 26.939 26.950 26.965	126.3 125.0 123.5 122.7 121.2 120.4 118.4 117.4 116.4 115.1	10.316 10.442 10.566 10.689 10.811 10.932 11.051 11.169 11.286 11.402		1482.9 1482.7 1482.4 1482.3 1482.1 1482.1 1481.9 1481.7 1481.6 1481.9	3046.8 3149.7 3253.9 3359.3 3455.9 3573.7 3682.7 3792.8 3904.1 4016.6	21.7 6.4 3.8 16.7 11.4 12.8 21.6 8.3 35.4
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.7 645.6 655.5 675.4 685.3	5.508 5.328 5.208 5.173 5.103 5.059 5.095 5.109 5.078 4.928	5.458 5.278 5.157 5.122 5.051 5.006 5.041 5.055 5.023 4.872	34.199 34.196 34.189 34.197 34.206 34.214 34.231 34.252 34.256 34.250	26.987 27.005 27.014 27.025 27.040 27.051 27.061 27.076 27.083 27.095	29.739 29.806 29.862 29.919 29.981 30.038 30.093 30.153 30.206 30.267	26.981 27.000 27.008 27.019 27.034 27.045 27.055 27.070 27.076 27.089	113.7 111.8 110.9 110.0 108.6 107.6 106.8 105.6 105.0 103.7	11.516 11.629 11.740 11.851 11.960 12.068 12.175 12.281 12.387 12.491	0000000000	1481.8 1481.2 1480.9 1480.9 1480.8 1481.2 1481.2 1481.4 1481.5 1481.0	4130.2 4244.9 4360.7 4477.6 4595.6 4714.6 4834.8 4955.9 5078.1 5201.4	16.6 12.8 4.6 17.7 16.0 6.6 11.9
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.846 4.750 4.757 4.699 4.699 4.696 4.684 4.655 4.574	4.790 4.694 4.671 4.641 4.635 4.640 4.636 4.623 4.593 4.512	34.249 34.259 34.263 34.270 34.277 34.287 34.298 34.307 34.313 34.319	27.104 27.123 27.128 27.137 27.143 27.151 27.160 27.168 27.177 27.190	30.322 30.388 30.440 30.495 30.547 30.600 30.654 30.709 30.764 30.824	27.097 27.116 27.122 27.131 27.137 27.144 27.153 27.162 27.170 27.184	98.0 97.3 96.6	12.594 12.696 12.797 12.897 12.997 13.095 13.194 13.292 13.389 13.485	0000000000	1480.8 1480.6 1480.7 1480.7 1480.9 1481.1 1481.2 1481.4 1481.4	5325.6 5450.9 5577.2 5704.4 5832.7 5961.9 6092.0 6223.2 6355.3 6488.3	32.7 5.1 11.6 3.7 5.7 5.2 3.7 14.6 7.5 9.0
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.590 4.551 4.362 4.324 4.314 4.273 4.261 4.235 4.251 4.198	4.527 4.488 4.299 4.261 4.250 4.208 4.196 4.168 4.184 4.130	34.332 34.334 34.327 34.338 34.347 34.352 34.359 34.368 34.381 34.384	27.199 27.205 27.219 27.233 27.241 27.249 27.256 27.266 27.274 27.283	30.878 30.930 30.994 31.054 31.108 31.163 31.215 31.272 31.325 31.381	27.192 27.198 27.212 27.226 27.234 27.242 27.249 27.259 27.257 27.276	94.1 92.4 91.2 90.5 89.8 89.2 88.3 87.6	13.580 13.674 13.767 13.859 13.950 14.040 14.129 14.218 14.306 14.393	00000000000	1481.5 1480.9 1480.9 1481.0 1481.0 1481.2 1481.2 1481.2	6622.3 6757.2 6893.1 7029.8 7167.5 7306.0 7445.4 7585.7 7726.8 7868.8	1.7 14.9 9.0 7.8 11.0 5.7 12.5 6.9 4.6 1.1
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0 990.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.3 982.2	4.141 4.138 4.094 4.052 4.106 4.087 4.090 4.050 4.019 3.980	4.072 4.069 4.024 3.982 4.034 4.015 4.017 3.977 3.945 3.905	34.386 34.391 34.396 34.414 34.418 34.424 34.424 34.427 34.427	27.290 27.295 27.303 27.310 27.316 27.322 27.326 27.331 27.336 27.342	31.435 31.485 31.540 31.593 31.644 31.696 31.745 31.796 31.848 31.900	27.283 27.287 27.296 27.303 27.309 27.315 27.319 27.323 27.328 27.328	85.8 85.0 84.4 84.0 83.5 83.2 82.8 82.3	14.480 14.566 14.651 14.736 14.820 14.903 14.987 15.070 15.152 15.234	00000000000	1481.4 1481.5 1481.5 1481.9 1482.0 1482.2 1482.2 1482.2	8011.7 8155.4 8300.0 8445.3 8591.5 8738.6 8886.4 9035.1 9334.8	5.4 7.8 7.6 9.5 4.1 9.9 9.0

Station	81	Latitude	32. 59.1	1'N	Longitu	de 127°	48.78'W	04	May 1991	GMT	5:17	Bottom	4580 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn.Ht	LTR	sv	m ³ /s ²	N ²
db	m	·c	·c	0/00	kg/m ³	kg/m ³	kg/m ³	$10^8 m^3/kg$	J/kg	0/0	m/s	m ³ /s ²	10 ⁶ /s ²
1000.0	992.1	3.944	3.869	34.432	27.348	31.953	27.340	81.2	15.316	.0	1482.2	9485.9	2.9
1020.0	1011.9	3.859	3.783	34.438	27.361	32.059	27.353	79.9	15.477	.0	1482.2	9790.4	1.1
1040.0	1031.7	3.817	3.740	34.441	27.368	32.159	27.361	79.3	15.636	.0	1482.4	10098.1	.0 3.5
1060.0	1051.5	3.767	3.688	34.449	27.379	32.262	27.371	78.4 77.3	15.794 15.950	.0	1482.5 1482.8	10408.9 10722.7	6.7
1080.0 1100.0	1071.2 1091.0	3.757 3.723	3.677 3.641	34.464 34.470	27.392 27.401	32.366 32.467	27.384 27.393	76.6	16.104	.ŏ	1483.0	11039.6	4.4
1120.0	1110.8	3.670	3.587	34.474	27.410	32.568	27,401	75.8	16.256	.0	1483.1	11359.5	6.5
1140.0	1130.5	3.584	3.500	34.476	27.420	32.672	27.412	74.8	16.407	.0		11682.3	5.3
1160.0	1150.3	3.532	3.447	34.479	27.427	32.772	27.419	74.1	16.556	.0	1483.2	12008.1 12336.7	2.7 6.2
1180.0	1170.1	3.496	3.409	34.487	27.437	32.874	27.429	73.2	16.703	.0			
1200.0	1189.8	3.453	3.365	34.493	27.447	32.975	27.438	72.4	16.849	.0		12668.3	7.7
1220.0	1209.6	3.379	3.290	34.495	27.455	33.077	27.447	71.6	16.993	.0	1483.6	13002.6 13339.7	5.9 8.0
1240.0	1229.3	3.322	3.233	34.495	27.460	33.175	27.452 27.461	71.0 70.2	17.135 17.276	.0	1483.7 1483.8	13679.6	4.2
1260.0 1280.0	1249.1 1268.9	3.283 3.255	3.192 3.163	34.502 34.508	27.470 27.478	33.277 33.376	27.469	69.5	17.416	.ŏ		14022.3	8
1300.0	1288.6	3.243	3.149	34.514	27.484	33.474	27.475	69.1	17.554	.0		14367.6	3.6
1320.0	1308.4	3.206	3.111	34.519	27.491	33.573	27.482	68.4	17.692	.0	1484.5	14715.7	1.6
1340.0	1328.1	3.165	3.069	34.521	27.497	33.671	27.488	67.9	17.828	.0		15066.4	-1.1
1360.0	1347.8	3.139	3.041	34.525	27.502	33.768	27.493	67.5	17.963	.0		15419.7 15775.7	2.5 9.5
1380.0	1367.6	3.101	3.002	34.528	27.50B	33.867	27.499	66.9	18.098	.0			
1400.0	1387.3	3.047	2.947	34.533	27.517	33.968	27.508	66.0	18.230	.0	1485.2	16134.3	4.2
1420.0	1407.1	3.006	2.905	34.539	27.526	34.069	27.517	65.2	18.362	.0		16495.5 16859.2	7.2 7.5
1440.0	1426.8	2.963	2.861	34.542	27.532	34.168	27.523 27.530	64.6 64.0	18.492 18.620	.0		17225.4	3.7
1460.0 1480.0	1446.6 1466.3	2.926 2.887	2.822 2.782	34.547	27.539 27.546	34.267 34.366	27.536	63.4	18.747	.0		17594.1	3.7
1500.0	1486.0	2.859	2.753	34.552	27.550	34.461	27.540	63.0	18.874	.o	1486.1	17965.2	4
1520.0	1505.7	2.818	2.711	34.554	27.555	34.559	27.545	62.5	18.999	.0	1486.2	18338.8	2.5
1540.0	1525.5	2.786	2.677	34.558	27.561	34.657	27.552	62.0	19.124	.0		18714.9	4.3 3.7
1560.0	1545.2	2.741	2.631	34.560	27.567	34.755	27.558 27.563	61.4 60.7	19.247 19.369	.0		19093.3 19474.1	2.0
1580.0	1564.9	2.687	2.576	34.562	27.573	34.854			-				
1600.0	1584.6	2.652	2.540	34.563	27.577	34.950	27.567	60.3	19.490	.0	1486.9	19857.3	2.3
1620.0	1604.4	2.620	2.506	34.568	27.584	35.049	27.574 27.579	59.7	19.610 19.729	.0	1487.1 1487.2	20242.B 20630.7	2.9 4.9
1640.0 1660.0	1624.1 1643.8	2.581 2.544	2.466 2.428	34.570 34.573	27.589 27.595	35.146 35.244	27.585	59.2 58.6	19.729			21020.8	3.5
1680.0	1663.5	2.502	2.385	34.576	27.600	35.342	27.590	58.0	19.963	.õ		21413.2	2.0
1700.0	1683.2	2.467	2.349	34.578	27.606	35.439	27.596	57.5	20.079	.0	1487.7	21807.9	4.4
1720.0	1702.9	2.441	2.322	34.581	27.610	35.535	27.600	57.2	20.194	.0	1488.0	22204.8	2.6
1740.0	1722.6	2.408	2.287	34.584	27.615	35.632	27.605	56.6 56.3	20.307 20.420	.0		22603.9 23005.2	2.6 3.8
1760.0 1780.0	1742.3 1762.1	2.382 2.353	2.260 2.229	34.586 34.588	27.619 27.623	35.728 35.824	27.609 27.613	55.8	20.532	.č		23408.6	5
	-							-				23814.3	2.4
1800.0	1781.8	2.326	2.202 2.190	34.591 34.596	27.628 27.632	35.920 36.015	27.618 27.622	55.4 55.0	20.643 20.754	.0		24222.0	5.0
1820.0 1840.0	1801.4 1821.2	2.316 2.289	2.161	34.597	27.636	36.110	27.625	54.7	20.864			24631.9	1.5
1860.0	1840.8	2.272	2.143	34.601	27.640	36.206	27.630	54.3	20.973	.0	1489.6	25044.0	2.1
1880.0	1860.5	2.250	2.120	34.602	27.644	36.300	27.633	54.0	21.081	.0		25458.1	1.9
1900.0	1880.2	2.228	2.097	34.604	27.647	36.395	27.636	53.7	21.188 21.296	.0		25874.3 26292.6	2.5 3.1
1920.0 1940.0	1899.9 1919.6	2.207 2.191	2.074 2.057	34.607 34.608	27.651 27.653	36.490 36.584	27.640 27.643	53.4 53.1	21.296	:0		26712.9	1.9
1960.0	1939.3	2.174	2.038	34.611	27.657	36.678	27.646	52.9	21.508	ič.	1490.9	27135.3	2.5
1980.0	1959.0	2.155	2.018	34.613	27.660	36.772	27.649	52.6	21.613	.0		27559.7	3.4
2000.0	1978.7	2.136	1.997	34.614	27.663	36.866	27.652	52.3	21.718	.0	1491.4	27986.2	2.2
2050.0	2027.9	2.074	1.932	34.620	27.673	37.105	27.662	51.3	21.977	.0	1491.9	29061.1	2.2 3.7
2096.0	2073.1	2.037	1.891	34.624	27.679	37.320	27.668	50.8	22.212	.0	1492.6	30061.0	.0

Station		Latitude	32° 45,			ude 127°	55.83'W	05	May 1991	GMT 4	9:00	Bottom	
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-6 kg/m ³	kg/m ³	kg/m ³	Delta 10 ⁸ m ³ /k	Dyn.Ht g J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.663 15.057 14.974 14.940 14.988 15.095 14.700 14.943 14.991	15.663 15.055 14.971 14.982 15.088 14.533 14.690 14.931 14.977	33.166 33.157 33.157 33.224 33.359 33.256 33.340 33.457 33.506	24.413 24.542 24.566 24.607 24.688 24.720 24.798 24.826	24.413 24.586 24.699 24.784 24.909 24.909 25.069 25.151 25.223	24.413 24.542 24.557 24.565 24.606 24.687 24.727 24.758 24.796 24.823	350.7 338.7 337.5 337.0 333.4 326.0 322.4 319.7 316.4 314.1	.000 .345 .683 1.020 1.357 1.685 2.009 2.329 2.647 2.962	00000000000	1507.2 1505.5 1505.4 1505.8 1506.5 1504.8 1505.5 1506.6 1507.0	.0 1.7 6.9 15.3 27.2 42.3 60.7 82.3 107.1 135.1	25.3 8.9 6.9 122.5 35.6 59.2 32.3 38.5 44.1
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.1	15.098 15.051 13.117 11.554 11.095 10.486 10.162 9.925 9.653 9.477	15.083 15.034 13.100 11.538 11.078 10.468 10.144 9.906 9.633 9.457	33.584 33.645 33.342 33.111 33.268 33.301 33.353 33.435 33.599	24.863 24.921 25.089 25.208 25.413 25.5602 25.602 25.682 25.791 25.949	25.304 25.406 25.623 25.790 26.041 26.204 26.323 26.449 26.604 26.807	24.860 24.917 25.086 25.205 25.410 25.526 25.598 25.788 25.945	310.8 305.7 289.5 278.1 258.7 247.7 241.0 233.5 208.4	3.274 3.583 3.884 4.166 4.439 4.692 4.935 5.172 5.403	00000000000	1507.6 1507.7 1501.1 1495.6 1494.4 1492.4 1490.8 1490.0 1489.8	166.1 200.2 237.4 277.5 320.3 365.8 413.6 463.9 516.5 571.3	48.3 88.1 289.8 27.7 288.8 129.4 61.7 23.3 120.2
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 248.8 258.7 268.6 278.6 288.5	9.568 9.360 9.237 9.129 8.994 8.935 8.859 8.754 8.724	9.546 9.337 9.213 9.104 8.968 8.908 8.831 8.765 8.694 8.515	33.674 33.756 33.830 33.874 33.914 33.948 33.965 33.988 34.001 34.037	25.993 26.090 26.168 26.220 26.271 26.334 26.334 26.363 26.440	26.896 27.039 27.163 27.260 27.356 27.441 27.511 27.585 27.652 27.754	25.989 26.087 26.164 26.216 26.267 26.305 26.330 26.359 26.379 26.435	204.5 195.4 188.2 183.4 178.8 175.2 173.0 170.5 168.7 163.4	5.826 6.027 6.218 6.404 6.585 6.762 6.936 7.107 7.277	00000000000	1490.4 1489.8 1489.7 1489.5 1489.2 1489.2 1489.0 1488.9 1488.5	628.2 687.1 748.0 810.7 875.3 941.6 1009.6 1079.4 1150.8 1223.9	75.7 66.3 40.5 34.9 35.2 13.0 55.4 2.1 75.3 45.1
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	8.432 8.267 8.131 7.911 7.857 7.722 7.509 7.400 7.349 7.235	8.401 8.235 8.099 7.878 7.823 7.687 7.474 7.365 7.312 7.197	34.057 34.071 34.084 34.089 34.093 34.097 34.097 34.095 34.099	26.473 26.510 26.541 26.576 26.588 26.608 26.641 26.657 26.663 26.682	27.833 27.916 27.993 28.076 28.133 28.199 28.279 28.341 28.393 28.459	26.468 26.505 26.536 26.572 26.583 26.603 26.636 26.652 26.657 26.677	160.5 157.1 154.2 150.9 149.9 148.1 145.0 143.6 143.1	7.605 7.763 7.919 8.071 8.222 8.371 8.518 8.662 8.805 8.948	0000000000	1488.2 1487.8 1487.4 1486.8 1486.7 1486.4 1485.7 1485.4 1485.1	1298.7 1375.0 1452.9 1532.2 1613.1 1695.5 1779.3 1864.6 1951.3 2039.4	22.0 30.4 16.7 41.8 6.1 15.1 31.5 23.4 24.7
400.0 410.0 420.0 430.0 440.0 460.0 470.0 480.0 490.0	397.7 407.7 417.6 427.5 437.4 447.4 457.3 467.2 477.1 487.0	7.123 7.015 6.803 6.775 6.439 6.461 6.529 6.325 6.188 6.127	7.085 6.976 6.765 6.735 6.400 6.421 6.487 6.283 6.146 6.084	34.098 34.097 34.086 34.091 34.065 34.099 34.128 34.110 34.106 34.111	26.697 26.710 26.731 26.739 26.763 26.787 26.801 26.813 26.828 26.840	28.520 28.580 28.648 28.702 28.775 28.844 28.903 28.963 29.025 29.082	26.691 26.705 26.726 26.733 26.758 26.782 26.796 26.808 26.823 26.834	140.0 138.8 136.8 136.2 133.8 131.6 130.5 129.3 127.9 126.9	9.088 9.227 9.366 9.502 9.637 9.770 9.901 10.031 10.159 10.286		1484.9 1484.6 1483.9 1484.0 1482.8 1483.5 1483.5 1482.9 1482.9 1482.4	2128.9 2219.8 2312.1 2405.7 2500.6 2596.9 2694.5 2793.4 2893.5 2994.9	16.8 6.5 24.1 13.8 25.8 17.6 17.0 23.1 8.5
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.6 546.5 556.5 566.4 576.3	6.058 5.935 5.832 5.750 5.641 5.602 5.470 5.400 5.401	6.015 5.891 5.788 5.705 5.556 5.556 5.423 5.352 5.352	34.113 34.101 34.109 34.115 34.124 34.132 34.143 34.146 34.160 34.178	26.850 26.856 26.875 26.890 26.910 26.922 26.930 26.949 26.968 26.982	29.139 29.193 29.259 29.388 29.445 29.498 29.565 29.631 29.690	26.844 26.851 26.870 26.885 26.905 26.916 26.924 26.924 26.963 26.977	126.0 125.4 123.6 122.2 120.3 119.3 118.7 116.8 115.0 113.8	10.413 10.538 10.663 10.786 10.907 11.027 11.146 11.264 11.380 11.494	.0000000000	1482.3 1481.9 1481.7 1481.5 1481.3 1481.3 1481.5 1481.1 1481.0 1481.2	3097.6 3201.5 3306.6 3413.0 3520.5 3629.3 3739.2 3850.3 3962.6 4075.9	21.0 1.1 33.6 25.4 9.6 10.2 19.5 8.7 9.6
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.7 655.6 665.5 675.4 685.3	5.368 5.358 5.250 5.148 5.195 5.015 4.963 4.977 5.056 4.996	5.318 5.307 5.199 5.097 5.143 4.963 4.910 4.923 5.000 4.941	34.190 34.203 34.196 34.199 34.220 34.211 34.219 34.246 34.278 34.290	26.997 27.007 27.015 27.029 27.054 27.054 27.066 27.086 27.103 27.119	29.751 29.867 29.862 29.924 29.980 30.042 30.100 30.165 30.226 30.289	26.991 27.001 27.009 27.023 27.035 27.049 27.060 27.080 27.097 27.113	112.6 111.7 110.9 109.6 108.7 107.2 106.1 104.4 103.1 101.6	11.608 11.720 11.831 11.941 12.050 12.158 12.265 12.370 12.474 12.576	0000000000	1481.2 1481.4 1481.1 1480.8 1481.2 1480.6 1480.6 1480.9 1481.4 1481.3	4190.5 4306.1 4422.8 4540.6 4659.5 4779.4 4900.4 5022.5 5145.6 5269.7	11.3 4.3 12.5 3.7 11.9 16.9 11.3 16.0 11.6 7.5
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.956 4.922 4.879 4.779 4.735 4.688 4.673 4.645 4.635 4.606	4.900 4.865 4.791 4.721 4.676 4.629 4.613 4.585 4.574	34.297 34.301 34.305 34.306 34.315 34.327 34.338 34.345 34.345 34.352	27.129 27.137 27.148 27.157 27.169 27.184 27.194 27.203 27.209 27.219	30.346 30.399 30.457 30.514 30.571 30.633 30.689 30.744 30.796 30.852	27.123 27.130 27.141 27.151 27.162 27.177 27.187 27.196 27.202 27.212	100.6 100.0 99.0 98.1 97.1 95.7 94.8 94.0 93.5 92.6	12.678 12.778 12.877 12.976 13.073 13.170 13.265 13.359 13.453 13.546	0000000000	1481.3 1481.4 1481.2 1481.1 1481.1 1481.1 1481.2 1481.3 1481.4	5394.8 5520.9 5647.9 5776.0 5905.0 6034.9 6165.8 6297.6 6430.4 6564.1	16.3 16.9 15.1 9.3 11.0 9.8 17.5 10.2 11.3 14.8
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.497 4.506 4.442 4.314 4.240 4.213 4.165 4.140 4.114 4.059	4.435 4.443 4.379 4.250 4.176 4.149 4.100 4.075 4.047 3.992	34.353 34.361 34.360 34.361 34.366 34.375 34.382 34.390 34.395 34.404	27.225 27.231 27.237 27.252 27.263 27.274 27.284 27.293 27.300 27.313	30.906 30.958 31.011 31.073 31.132 31.189 31.246 31.301 31.354 31.414	27.219 27.224 27.230 27.245 27.256 27.267 27.277 27.287 27.287 27.293 27.306	91.9 91.9 90.9 89.4 88.3 87.4 85.5 85.0 83.7	13.638 13.730 13.821 13.911 14.000 14.088 14.175 14.261 14.346 14.430	0000000000	1481.2 1481.4 1481.3 1480.9 1480.8 1480.8 1480.9 1480.9	6698.6 6834.1 6970.5 7107.8 7245.9 7384.9 7524.8 7665.5 7807.1 7949.5	6.6 15.7 16.3 6.3 9.8 13.9 4.0 11.3 12.5
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.029 4.013 4.003 3.990 3.961 3.907 3.888 3.851 3.837 3.819	3.962 3.945 3.934 3.921 3.890 3.816 3.779 3.764 3.746	34.411 34.414 34.418 34.424 34.425 34.425 34.431 34.433 34.442 34.444	27.322 27.325 27.329 27.331 27.339 27.346 27.352 27.358 27.366 27.370	31.469 31.518 31.568 31.616 31.670 31.724 31.776 31.828 31.883 31.933	27.315 27.318 27.322 27.324 27.332 27.339 27.345 27.350 27.359 27.363	82.9 82.6 82.4 82.2 81.5 80.9 80.3 79.8 79.1	14.514 14.596 14.679 14.761 14.843 14.924 15.005 15.085 15.164 15.243	00000000000	1480.9 1481.0 1481.2 1481.3 1481.3 1481.3 1481.3 1481.4	8092.7 8236.7 8381.5 8527.2 8673.6 8820.9 8968.9 9117.7 9267.3 9417.7	-2.59 5.51 98.3 98.3 8.1

Station	82	Latitude	32. 45.7	0'N	Longitu	de 127°	55.83'W	05	May 1991	GMT	8:00	Bottom	4470 m
Pres. db	Depth m	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t		Dyn.Ht	LTR		m ³ /s ²	N ²
1000.0 1020.0 1040.0 1060.0 1100.0 1120.0 1140.0 1160.0 1180.0	992.2 1011.9 1031.7 1051.5 1071.3 1091.0 1110.8 1130.6 1150.3 1170.1	3.771 3.713 3.667 3.665 3.563 3.520 3.471 3.438 3.438 3.354	3.697 3.638 3.591 3.528 3.484 3.440 3.389 3.355 3.312 3.269	0/00 34.445 34.456 34.471 34.478 34.483 34.483 34.493 34.493	kg/m ³ 27.376 27.390 27.399 27.413 27.423 27.441 27.447 27.455 27.462	kg/m ³ 31.985 32.092 32.193 32.300 32.402 32.503 32.605 32.703 32.803 32.903	kg/m ³ 27.368 27.383 27.391 27.405 27.415 27.424 27.433 27.439 27.447 27.454	108m ³ /kg 78.2 76.9 76.1 74.8 73.9 73.2 72.3 71.8 71.2 70.5	J/kg 15.322 15.477 15.630 15.781 15.929 16.077 16.222 16.366 16.509	0/0000000000000000000000000000000000000	1481.5 1481.6 1481.8 1481.9 1482.0 1482.3 1482.3 1482.5 1482.7	9568.9 9873.5 10181.1 10491.7 10805.2 11121.6 11440.8 11762.9 12087.8 12415.5	10 ⁶ /s ² 1.7 9.3 7.3 4.6 7.9 1.1 4.4 1.1
1200.0 1220.0 1240.0 1260.0 1280.0 1300.0 1320.0 1340.0 1360.0	1189.8 1209.6 1229.4 1249.1 1268.9 1288.6 1308.4 1328.1 1347.9 1367.6	3.320 3.234 3.192 3.160 3.122 3.113 3.068 3.024 3.007 2.976	3.233 3.147 3.103 3.071 3.031 3.021 2.974 2.930 2.911 2.878	34.508 34.514 34.517 34.521 34.524 34.526 34.531 34.536 34.540 34.542	27.471 27.483 27.490 27.496 27.502 27.505 27.513 27.521 27.526 27.531	33.003 33.110 33.209 33.307 33.405 33.500 33.600 33.700 33.797 33.893	27.462 27.475 27.482 27.488 27.494 27.505 27.512 27.517 27.522	69.8 67.4 67.4 66.7 65.9 65.9 64.8	16.791 16.930 17.066 17.201 17.335 17.469 17.601 17.732 17.862 17.992	0000000000	1483.0 1483.0 1483.1	12745.9 13079.1 13414.9 13753.4 14094.5 14438.2 14784.5 15133.4 15484.8 15838.7	9.1 2.3 5.6 3 7.1 2.4 .7
1400.0 1420.0 1440.0 1460.0 1500.0 1520.0 1540.0 1560.0 1580.0	1387.3 1407.1 1426.8 1446.6 1466.3 1486.0 1505.8 1525.5 1545.2 1564.9	2.937 2.907 2.875 2.839 2.806 2.776 2.757 2.757 2.690 2.641	2.838 2.807 2.774 2.737 2.702 2.670 2.650 2.609 2.580 2.530	34.543 34.551 34.553 34.552 34.555 34.555 34.561 34.565 34.566	27.535 27.541 27.547 27.552 27.555 27.560 27.565 27.569 27.575 27.581	33.990 34.088 34.186 34.283 34.378 34.571 34.571 34.668 34.765 34.863	27.526 27.532 27.538 27.543 27.545 27.555 27.555 27.560 27.566 27.571	64.0 63.4 63.0 62.5 62.2 61.8 61.4 60.4 59.8	18.120 18.247 18.374 18.499 18.624 18.748 18.871 18.993 19.115 19.235	00000000000	1484.7 1485.1 1485.5 1485.7 1486.0 1486.4 1486.5	16195.1 16554.1 16915.5 17279.3 17645.6 18014.3 18385.4 18758.9 19134.8 19513.0	5.7 4.2 3.4 4 7.8 4.3 4.6
1600.0 1620.0 1640.0 1660.0 1700.0 1720.0 1740.0 1760.0	1584.7 1604.4 1624.1 1643.8 1663.5 1683.2 1702.9 1722.7 1742.4 1762.1	2.613 2.592 2.550 2.511 2.472 2.447 2.415 2.395 2.384 2.358	2.501 2.479 2.435 2.396 2.355 2.329 2.226 2.274 2.262 2.234	34.570 34.574 34.576 34.581 34.587 34.587 34.589 34.591 34.593 34.593	27.586 27.591 27.597 27.604 27.610 27.614 27.618 27.622 27.624 27.627	34.961 35.057 35.155 35.255 35.353 35.448 35.545 35.639 35.733 35.827	27.577 27.581 27.587 27.594 27.600 27.604 27.608 27.612 27.614 27.616	59.3 59.3 57.6 57.0 56.7 55.9 55.8 55.6	19.354 19.472 19.590 19.706 19.820 19.934 20.047 20.159 20.271 20.382	0000000000	1486.7 1486.9 1487.1 1487.3 1487.4 1487.7 1487.9 1488.1 1488.4	19893.5 20276.4 20661.5 21048.9 21438.5 21830.3 22224.3 22620.5 23018.9 23419.4	2.3 4 4.3 4.1 1.1 3.2 4.1 .0 3.2 4.7
1800.0 1820.0 1840.0 1860.0 1900.0 1920.0 1940.0 1960.0	1781.8 1801.5 1821.2 1840.9 1860.6 1880.3 1899.9 1919.6 1939.3 1959.0	2.333 2.311 2.287 2.265 2.246 2.225 2.194 2.167 2.152 2.141	2.209 2.185 2.160 2.136 2.116 2.094 2.094 2.033 2.016 2.004	34.597 34.598 34.601 34.602 34.604 34.606 34.609 34.612 34.613 34.614	27.632 27.635 27.639 27.642 27.646 27.649 27.658 27.660 27.662	35.924 36.018 36.113 36.208 36.303 36.397 36.494 36.590 36.683 36.776	27.622 27.625 27.628 27.632 27.635 27.638 27.643 27.647 27.650 27.651	55.1 54.8 54.1 53.8 53.5 53.6 52.4 52.3	20.493 20.603 20.712 20.820 20.928 21.035 21.142 21.248 21.353 21.457	00000000000	1490.1	23822.1 24226.9 24633.9 25042.9 25454.0 25867.2 26282.5 26699.8 27119.2 27540.5	5.0 1.8 2.4 1.9 1.3 2.5 1.9 2.6 3.7
2000.0 2050.0 2096.0	1978.7 2027.9 2073.1	2.120 2.073 2.044	1.981 1.931 1.899	34.616 34.621 34.623	27.665 27.674 27.678	36.870 37.106 37.318	27.654 27.663 27.666	52.0 51.2 50.9	21.562 21.820 22.055	.0	1491.3 1491.9 1492.6	27963.9 29031.1 30023.9	1.1 2.6 .0

Station		Latitude	32* 31.9	90'N	Longitu				May 1991			Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	kg/m ³	Sigma-z kg/m ³	kg/m ³	$10^8 m^3/kg$	Dyn.Ht J/kg	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.8 49.8 59.8 69.7 79.7	15.519 15.124 15.055 14.984 15.001 14.878 14.831 14.930 14.583 14.868	15.519 15.122 15.052 14.980 14.995 14.871 14.822 14.920 14.571 14.854	33.190 33.157 33.141 33.132 33.236 33.287 33.319 33.375 33.310 33.420	24.464 24.526 24.529 24.537 24.614 24.680 24.715 24.737 24.762 24.786	24.464 24.570 24.617 24.670 24.790 24.990 25.046 25.116 25.183	24.464 24.525 24.528 24.612 24.679 24.713 24.735 24.760 24.783	345.8 340.2 340.3 339.7 326.7 323.7 321.9 319.8 317.8	.000 -344 .685 1.025 1.364 1.694 2.019 2.342 2.663 2.982	0000000000	1506.8 1505.7 1505.6 1505.5 1505.9 1505.7 1505.8 1506.3 1506.3	.0 1.7 6.9 15.4 27.3 42.5 61.0 82.7 107.7 135.8	-51.7 8.3 1.6 133.7 83.0 24.7 23.3 17.4 33.0
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 14 159.3 169.3 179.2 189.1	14.081 12.537 11.657 11.159 10.779 9.995 9.492 9.457 9.413 9.375	14.067 12.523 11.642 11.143 10.763 9.978 9.474 9.439 9.393 9.354	33.289 33.175 33.073 33.131 33.198 33.185 33.226 33.418 33.540 33.742	24.852 25.073 25.160 25.295 25.415 25.539 25.654 25.810 25.913 26.077	25.295 25.564 25.697 25.879 26.044 26.215 26.378 26.726 26.935	24.849 25.070 25.157 25.293 25.412 25.536 25.651 25.807 25.910 26.073	311.7 290.6 282.4 269.7 258.4 246.7 235.8 221.2 211.6 196.3	3.297 3.602 3.889 4.165 4.427 4.679 4.919 5.149 5.364 5.569	00000000000	1503.9 1498.8 1495.8 1494.3 1493.2 1490.5 1488.8 1489.1 1489.3	167.0 201.4 238.7 278.8 321.5 366.8 414.6 464.6 516.9 571.3	156.7 309.8 175.6 67.4 42.5 77.7 22.6 119.8 95.8 124.3
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.8 248.8 258.7 268.6 278.6 288.5	9.329 9.196 9.090 9.008 8.802 8.779 8.556 8.454 8.252 8.070	9.307 9.173 9.066 8.983 8.776 8.753 8.528 8.426 8.224 8.041	33.782 33.866 33.913 33.947 33.961 33.993 34.011 34.024 34.040 34.027	26.115 26.203 26.257 26.297 26.340 26.369 26.418 26.444 26.487 26.504	27.019 27.152 27.252 27.337 27.427 27.596 27.596 27.668 27.757 27.821	26.112 26.199 26.253 26.293 26.336 26.365 26.414 26.439 26.483 26.500	192.8 184.7 179.7 176.1 172.1 165.0 165.0 158.7 157.1	5.763 5.953 6.136 6.313 6.488 6.658 6.826 6.989 7.150 7.307	0000000000	1489.4 1489.2 1489.1 1488.5 1488.6 1488.0 1487.8 1487.2 1486.6	627.6 685.8 745.9 807.8 871.4 936.7 1003.7 1072.3 1142.5 1214.3	56.3 98.2 47.8 36.7 7.1 81.7 24.3 28.4 43.8
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.4 308.4 318.3 328.2 338.2 358.0 358.0 377.9 387.8	7.903 7.836 7.719 7.647 7.575 7.446 7.192 7.058 6.883 6.787	7.873 7.805 7.687 7.614 7.542 7.413 7.157 7.023 6.848 6.751	34.027 34.026 34.030 34.038 34.041 34.023 34.023 34.013 34.016	26.529 26.538 26.558 26.575 26.588 26.608 26.627 26.647 26.662 26.678	27.892 27.947 28.013 28.076 28.135 28.201 28.269 28.334 28.397 28.459	26.524 26.533 26.553 26.570 26.583 26.603 26.623 26.642 26.658 26.673	154.8 154.1 152.3 150.8 149.7 147.9 146.0 144.2 142.7 141.3	7.463 7.617 7.770 7.922 8.072 8.221 8.368 8.513 8.656 8.798	00000000000	1486.2 1486.1 1485.8 1485.7 1485.2 1484.4 1484.0 1483.5 1483.3	1287.6 1362.5 1438.9 1516.8 1596.2 1677.1 1759.5 1843.3 1928.5 2015.1	4.0 21.6 19.8 5.7 12.7 16.5 19.7 11.2 16.4 6.5
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0 490.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1 487.0	6.693 6.539 6.469 6.348 6.275 6.190 6.058 5.991 5.889 5.790	6.656 6.502 6.431 6.310 6.236 6.150 6.150 6.150 5.950 5.848 5.749	34.013 34.023 34.026 34.035 34.047 34.053 34.055 34.061 34.076	26.688 26.716 26.728 26.751 26.766 26.802 26.813 26.830 26.854	28.515 28.591 28.648 28.779 28.779 28.841 28.910 28.966 29.031 29.101	26.683 26.711 26.723 26.746 26.760 26.775 26.797 26.808 26.825 26.849	140.5 137.8 136.8 134.6 133.3 132.0 129.9 129.0 127.4 125.2	8.939 9.078 9.215 9.351 9.485 9.617 9.748 9.877 10.006 10.132	0000000000	1483.1 1482.6 1482.5 1482.2 1482.1 1481.9 1481.6 1481.5 1481.2 1481.0	2103.1 2192.6 2283.3 2375.4 2468.9 2563.7 2659.7 2757.1 2855.7 2955.6	7.6 22.2 19.6 10.5 18.4 29.2 28.3 11.3 23.6 18.6
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	496.9 506.9 516.8 526.7 536.6 546.4 576.3 586.2	5.618 5.535 5.460 5.401 5.353 5.257 5.181 5.092 5.039 4.963	5.576 5.493 5.417 5.357 5.212 5.212 5.136 4.992 4.916	34.065 34.075 34.080 34.088 34.097 34.105 34.108 34.119 34.128 34.136	26.866 26.885 26.897 26.911 26.924 26.942 26.952 26.952 26.985 27.000	29.161 29.226 29.285 29.346 29.405 29.470 29.527 29.523 29.653 29.715	26.861 26.879 26.892 26.906 26.919 26.936 26.947 26.966 26.979 26.995	123.9 122.2 121.0 119.8 118.6 117.0 115.9 114.2 113.0 111.5	10.257 10.380 10.501 10.622 10.741 10.859 10.975 11.090 11.204 11.316	0000000000	1480.5 1480.2 1480.1 1480.1 1479.9 1479.7 1479.5 1479.5 1479.5	3056.7 3159.0 3262.6 3367.3 3473.3 3580.3 3688.6 3798.0 3908.5 4020.1	5.7 12.4 19.7 15.1 14.8 11.8 1.3 36.4 24.4
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0 690.0	596.1 606.0 615.9 625.8 635.7 645.6 665.5 675.4 685.3	4.931 4.889 4.791 4.710 4.660 4.667 4.643 4.629 4.605 4.587	4.883 4.841 4.742 4.661 4.616 4.592 4.577 4.552 4.534	34.144 34.159 34.162 34.172 34.181 34.188 34.199 34.204 34.216 34.222	27.010 27.027 27.040 27.057 27.066 27.075 27.086 27.092 27.104 27.111	29.771 29.834 29.895 29.959 30.014 30.125 30.178 30.235 30.289	27.005 27.021 27.035 27.052 27.060 27.069 27.086 27.086 27.098 27.105	110.6 109.1 107.8 106.2 105.5 104.7 103.8 103.2 102.2 101.6	11.427 11.537 11.645 11.752 11.858 11.963 12.068 12.171 12.274 12.376	0000000000	1479.4 1479.4 1479.2 1479.0 1479.2 1479.2 1479.3 1479.4 1479.4	4132.8 4246.7 4361.5 4477.5 4594.5 4712.5 4831.6 4951.7 5072.8 5194.9	14.1 6.8 10.3 16.5 17.1 5.0 17.9 7.1 7.1
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.537 4.530 4.521 4.479 4.441 4.394 4.410 4.398 4.360 4.333	4.483 4.476 4.465 4.423 4.384 4.337 4.352 4.339 4.300 4.273	34.239 34.241 34.245 34.254 34.269 34.275 34.299 34.306 34.313 34.317	27.130 27.132 27.136 27.148 27.164 27.174 27.191 27.198 27.208 27.215	30.354 30.403 30.452 30.510 30.573 30.629 30.692 30.745 30.801 30.853	27.124 27.126 27.131 27.142 27.158 27.168 27.185 27.192 27.201 27.208	99.9 99.7 99.4 98.4 96.9 94.5 93.9 93.1 92.5	12.477 12.576 12.676 12.775 12.873 12.969 13.064 13.158 13.252 13.345	0000000000	1479.5 1479.7 1479.8 1479.8 1479.8 1479.8 1480.1 1480.2 1480.2	5318.0 5442.1 5567.2 5693.2 5820.2 5948.2 6077.1 6207.0 6337.7 6469.4	15.9 7.7 12.4 9.5 14.8 8.6 11.3 9.5 5.1 7.5
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.308 4.289 4.250 4.214 4.189 4.161 4.125 4.109 4.095 4.057	4.247 4.227 4.188 4.151 4.126 4.097 4.060 4.043 4.028 3.991	34.323 34.332 34.344 34.356 34.356 34.361 34.369 34.373 34.377	27.222 27.231 27.245 27.253 27.261 27.268 27.278 27.283 27.288 27.299	30.907 30.962 31.022 31.077 31.131 31.184 31.241 31.291 31.342 31.400	27.216 27.224 27.238 27.246 27.254 27.261 27.272 27.276 27.281 27.292	91.8 91.1 89.8 89.1 88.4 87.8 86.5 86.5	13.437 13.528 13.619 13.708 13.797 13.885 13.972 14.059 14.145 14.231	0000000000	1480.3 1480.4 1480.5 1480.5 1480.6 1480.6 1480.7 1480.8	6602.0 6735.5 6869.9 7005.1 7141.3 7278.3 7416.2 7554.9 7694.4 7834.9	3.9 2.2 10.7 10.7 4.5 3.4 1.6 10.7 11.3
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.024 3.999 3.972 3.952 3.939 3.925 3.899 3.879 3.848 3.811	3.956 3.931 3.903 3.883 3.869 3.854 3.827 3.807 3.776 3.737	34.392 34.399 34.405 34.412 34.416 34.422 34.424 34.429 34.435	27.307 27.315 27.323 27.328 27.332 27.337 27.344 27.348 27.355 27.363	31.454 31.508 31.563 31.614 31.664 31.714 31.768 31.818 31.872 31.926	27.300 27.308 27.316 27.321 27.325 27.329 27.337 27.341 27.348 27.356	84.3 83.6 82.9 82.5 82.1 81.0 80.8 80.1 79.3	14.316 14.399 14.483 14.565 14.648 14.729 14.811 14.892 14.972 15.052	0000000000	1480.9 1481.0 1481.1 1481.2 1481.3 1481.4 1481.5 1481.5	7976.1 8118.2 8261.1 8404.8 8549.3 8694.6 8840.7 8987.6 9135.4 9283.8	9.0 8.4 8.1 7.2 -3.6 6.4 17.2 12.5

Station	83	Latitude	32. 31.9	00'N	Longitu	de 128°	02.64'W	05	May 1991	GMT 10	:57	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht	LTR	SV m/₽	m3/s2	N ² 10 ⁶ /s ²
1000.0 1020.0 1040.0 1060.0 1080.0 1100.0 1120.0 1140.0	992.2 1011.9 1031.7 1051.5 1071.3 1091.0 1110.8 1130.6	3.787 3.729 3.665 3.630 3.580 3.542 3.478 3.416	3.713 3.654 3.589 3.553 3.501 3.462 3.397 3.334	34.438 34.447 34.458 34.463 34.473 34.479 34.486 34.493	27.368 27.382 27.397 27.404 27.418 27.426 27.438 27.449	31.977 32.083 32.191 32.290 32.396 32.497 32.602 32.706	27.361 27.374 27.389 27.396 27.410 27.418 27.430 27.441	78.9 77.7 76.3 75.7 74.5 73.7 72.6 71.6	J/kg 15.131 15.288 15.442 15.594 15.744 15.893 16.039	0 000000000	1481.6 1481.7 1481.8 1481.9 1482.1 1482.3 1482.3	9433.1 9734.0 10037.9 10344.7 10654.6 10967.4 11283.0 11601.5	6.7 3.7 7.3 5.8 4.3 6.4 1.4 6.1
1160.0 1180.0	1150.3 1170.1	3.374 3.347	3.290 3.262	34.499 34.506	27.458 27.467	32.807 32.908	27.450 27.459	70.8 70.1	16.325 16.466	.0	1482.6 1482.8	11922.7 12246.8	9.7
1200.0 1220.0 1240.0 1260.0 1300.0 1320.0 1340.0 1360.0 1360.0	1189.8 1209.6 1229.4 1249.1 1268.9 1288.6 1308.4 1328.1 1347.9 1367.6	3.323 3.277 3.239 3.198 3.121 3.091 3.034 3.012 2.986	3.237 3.189 3.150 3.108 3.067 3.028 2.997 2.939 2.939	34.508 34.513 34.516 34.521 34.524 34.528 34.531 34.536 34.538 34.543	27.471 27.479 27.485 27.499 27.506 27.511 27.520 27.524 27.530	33.003 33.104 33.202 33.302 33.401 33.500 33.597 33.699 33.795 33.893	27.462 27.470 27.477 27.484 27.491 27.502 27.512 27.516 27.521	69.8 69.1 68.8 67.2 66.2 65.3 65.3 64.5	16.606 16.744 16.882 17.018 17.153 17.287 17.420 17.551 17.682 17.811	00000000000	1483.0 1483.2 1483.3 1483.5 1483.7 1483.8 1484.0 1484.1 1484.4	12573.5 12903.0 13235.2 13570.1 13907.6 14247.7 14590.4 14935.7 15283.6	1.5 3.4 5.9 6.2 1.5 4.5 3.3
1400.0 1420.0 1440.0 1460.0 1500.0 1520.0 1540.0 1560.0 1580.0	1387.4 1407.1 1426.8 1446.6 1466.3 1486.0 1505.8 1525.5 1525.5 1545.2	2.932 2.881 2.860 2.819 2.764 2.745 2.723 2.665	2.833 2.781 2.758 2.717 2.690 2.659 2.638 2.615 2.575 2.555	34.547 34.551 34.551 34.554 34.556 34.560 34.561 34.564 34.568 34.570	27.539 27.547 27.549 27.554 27.559 27.564 27.567 27.571 27.578 27.581	33.994 34.095 34.188 34.286 34.382 34.479 34.574 34.669 34.768 34.863	27.530 27.538 27.545 27.545 27.549 27.555 27.558 27.562 27.568 27.568	63.7 62.8 62.7 62.2 61.8 61.3 61.1 60.8 60.1	17.939 18.066 18.191 18.316 18.440 18.564 18.686 18.808 18.929 19.049	00000000000	1484.7 1485.1 1485.2 1485.5 1485.7 1485.7 1486.2 1486.3 1486.6	15986.8 16342.2 16700.0 17060.3 17423.0 17788.0 18155.5 18525.4 18897.6 19272.1	7.7 4.8 2.2 .4 .7 .8 .5 1.4 2.3
1600.0 1620.0 1640.0 1660.0 1700.0 1720.0 1740.0 1760.0 1780.0	1584.7 1604.4 1624.1 1643.8 1663.5 1683.3 1703.0 1722.7 1742.4 1762.1	2.618 2.576 2.554 2.532 2.507 2.472 2.449 2.431 2.368	2.507 2.463 2.439 2.416 2.390 2.354 2.329 2.310 2.269 2.245	34.574 34.577 34.578 34.581 34.583 34.586 34.588 34.589 34.592 34.592	27.588 27.595 27.598 27.602 27.606 27.611 27.615 27.617 27.623 27.627	34.963 35.061 35.156 35.252 35.347 35.444 35.539 35.633 35.732 35.827	27.579 27.585 27.588 27.592 27.596 27.601 27.604 27.607 27.613 27.617	59.1 58.5 58.2 57.6 57.6 56.7 56.5 55.6	19.168 19.286 19.402 19.518 19.634 19.749 19.862 19.976 20.088 20.199	0000000000	1486.7 1486.9 1487.1 1487.4 1487.6 1488.0 1488.0 1488.3 1488.4 1488.7	19649.0 20028.1 20409.5 20793.2 21179.2 21567.3 21957.7 22350.3 22745.1 23142.0	6.4 7.0 1.7 5.2 5.0 2.6 3.5 2.4
1800.0 1820.0 1840.0 1860.0 1980.0 1920.0 1940.0 1960.0 1980.0	1781.8 1801.5 1821.2 1840.9 1860.6 1880.3 1900.0 1919.7 1939.3 1959.0	2.348 2.331 2.292 2.267 2.244 2.222 2.208 2.191 2.169 2.144	2.223 2.204 2.164 2.138 2.114 2.091 2.075 2.057 2.033 2.007	34.595 34.598 34.600 34.603 34.604 34.607 34.608 34.610 34.612 34.614	27.630 27.633 27.638 27.643 27.646 27.650 27.652 27.654 27.658 27.662	35.921 36.015 36.113 36.208 36.303 36.398 36.491 36.585 36.680 36.775	27.619 27.623 27.628 27.632 27.635 27.639 27.641 27.643 27.647 27.651	55.3 55.1 54.5 54.1 53.8 53.4 53.3 53.1 52.7 52.3	20.310 20.421 20.530 20.639 20.747 20.854 20.961 21.067 21.173 21.278	00000000000	1488.9 1489.2 1489.4 1489.6 1489.8 1490.1 1490.3 1490.6 1490.8	23541.1 23942.3 24345.7 24751.1 25158.7 25568.3 25980.0 26393.8 26809.6 27227.4	2.4 1.8 5.4 2.7 1.9 1.3 2.8 1.3
2000.0 2050.0 2098.0	1978.7 2027.9 2075.1	2.127 2.086 2.047	1.989 1.944 1.901	34.617 34.619 34.624	27.665 27.671 27.678	36.869 37.102 37.327	27.654 27.660 27.667	52.0 51.5 50.9	21.382 21.641 21.887	.0 .0	1491.3 1492.0 1492.6	27647.3 28705.7 29733.5	1.7 .2 .0

Station		Latitude	32° 18.		-	ude 128°	09.61'W	05	May 1991	GMT 13	: 43		
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma -0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg		LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.9 49.8 59.8 69.7 79.7	15.830 15.241 15.160 15.130 14.863 14.547 14.453 14.384 14.668 15.027	15.830 15.240 15.158 15.125 14.857 14.540 14.444 14.374 14.656 15.013	33.178 33.184 33.171 33.178 33.186 33.210 33.216 33.220 33.317 33.442	24.386 24.521 24.529 24.541 24.605 24.691 24.717 24.734 24.749 24.769	24.386 24.565 24.617 24.674 24.782 24.981 24.982 25.044 25.166	24.386 24.521 24.528 24.540 24.604 24.690 24.715 24.732 24.747 24.766	353.3 340.7 340.3 339.4 333.6 325.6 323.5 322.1 321.0 319.5	.000 .350 .690 1.030 1.368 1.696 2.021 2.344 2.666 2.986	00000000000	1507.8 1506.1 1506.0 1505.4 1504.6 1504.4 1505.6 1507.0	.0 1.8 6.9 15.5 27.4 42.7 61.2 83.0 107.9 136.1	.0 13.9 7.5 5.4 111.7 15.0 47.5 16.5 21.5 24.8
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.1	14.899 13.568 11.417 11.408 11.054 10.357 9.633 9.495 9.392 9.285	14.884 13.552 11.403 11.392 11.037 10.340 9.616 9.476 9.372 9.264	33.480 33.257 33.061 33.184 33.237 33.271 33.314 33.430 33.564 33.611	24.826 24.933 25.194 25.292 25.396 25.545 25.699 25.934 25.934	25.267 25.421 25.732 25.875 26.025 26.221 26.422 26.581 26.748 26.848	24.823 24.929 25.191 25.289 25.394 25.542 25.697 25.810 25.931 25.986	314.3 304.2 279.1 270.1 260.3 246.2 231.5 200.9 209.6 204.5	3.302 3.610 3.902 4.177 4.441 4.694 4.932 5.158 5.374 5.581	00000000000	1506.8 1502.4 1494.9 1495.2 1494.2 1491.9 1489.5 1489.3 1489.3	167.4 201.8 239.2 279.4 322.3 367.8 415.6 465.8 518.2 572.7	122.3 101.6 153.8 100.3 187.2 114.4 130.7 270.6 82.9
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.8 258.7 268.6 278.6 288.5	9.097 9.086 8.961 8.806 8.637 8.521 8.434 8.061 7.788	9.075 9.063 8.937 8.781 8.612 8.495 8.497 8.189 8.032 7.760	33.690 33.757 33.819 33.857 33.886 33.929 33.953 33.976 33.999	26.081 26.135 26.203 26.258 26.307 26.358 26.391 26.441 26.483 26.523	26.986 27.085 27.199 27.300 27.394 27.492 27.570 27.667 27.755 27.842	26.077 26.132 26.199 26.254 26.303 26.354 26.387 26.437 26.479 26.519	196.0 191.0 184.7 179.7 175.2 170.4 162.7 158.9 155.1	5.781 5.976 6.164 6.346 6.523 6.695 6.864 7.029 7.190 7.347	00000000000	1488.6 1488.6 1488.2 1487.8 1487.4 1487.4 1486.8 1486.4 1485.5	629.2 687.6 747.9 810.1 874.0 939.7 1007.1 1076.1 1146.7 1218.9	64.4 552.3 39.3 37.9 12.9 24.3 28.6
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	7.691 7.574 7.478 7.342 7.198 7.053 6.719 6.545 6.416 6.317	7.662 7.544 7.447 7.310 7.166 7.021 6.686 6.511 6.382 6.282	34.001 34.009 34.008 34.004 34.007 34.021 34.021 34.026 34.029	26.539 26.562 26.575 26.591 26.614 26.642 26.690 26.713 26.735 26.750	27.904 27.973 28.033 28.095 28.165 28.238 28.335 28.406 28.474 28.535	26.535 26.558 26.571 26.587 26.610 26.637 26.686 26.709 26.730 26.745	153.7 151.6 150.5 149.0 146.9 144.4 139.7 137.5 135.5	7.502 7.655 7.806 7.955 8.103 8.249 8.391 8.5665 8.665		1485.3 1485.0 1484.8 1484.5 1484.1 1483.7 1482.0 1482.0 1481.4	1292.6 1367.9 1444.7 1522.9 1602.6 1683.8 1766.4 1850.4 1935.7 2022.4	23.0 .7 31.4 5.4 14.7 62.7 27.5 2.0 21.9
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0 490.0	397.7 407.7 417.6 427.5 437.4 447.4 457.3 467.2 477.1	6.273 6.154 6.076 6.024 5.881 5.783 5.718 5.649 5.546 5.510	6.238 6.119 6.040 5.987 5.843 5.745 5.679 5.610 5.506 5.469	34.033 34.037 34.043 34.049 34.048 34.053 34.063 34.072 34.072 34.083	26.758 26.777 26.792 26.803 26.836 26.856 26.857 26.881 26.893	28.590 28.655 28.716 28.774 28.838 28.901 28.963 29.025 29.085 29.144	26.754 26.772 26.787 26.798 26.816 26.831 26.847 26.863 26.876 26.888	133.4 131.7 130.4 129.4 127.7 126.3 124.9 123.4 122.2 121.1	8.934 9.067 9.198 9.328 9.456 9.583 9.709 9.833 9.956	0000000000	1481.4 1481.1 1481.0 1480.9 1480.5 1480.3 1480.2 1480.1 1479.8 1479.9	2110.4 2199.7 2290.4 2382.3 2475.5 2569.9 2665.6 2762.6 2860.7 2960.1	7.8 45.3 5.4 29.8 16.3 22.4 43.8 7.4 9.5 30.3
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	497.0 506.9 516.8 526.7 536.6 546.5 556.4 576.3 586.2	5.485 5.401 5.346 5.311 5.329 5.204 5.181 5.128 5.044 4.908	5.443 5.359 5.304 5.267 5.285 5.160 5.135 5.082 4.997 4.862	34.095 34.102 34.114 34.138 34.143 34.165 34.177 34.169	26.906 26.914 26.928 26.942 26.959 26.977 26.998 27.010 27.023 27.032	29.202 29.257 29.318 29.378 29.440 29.506 29.572 29.631 29.691 29.748	26.901 26.909 26.923 26.937 26.954 26.972 26.992 27.005 27.018 27.027	120.0 119.3 118.0 116.8 115.3 113.6 111.7 110.6 109.4 108.4	10.198 10.317 10.436 10.553 10.669 10.784 10.897 11.008 11.118 11.227	.00.00.00	1479.9 1479.8 1479.7 1479.8 1480.0 1479.7 1479.8 1479.7 1479.6 1479.2	3060.6 3162.4 3265.3 3369.4 3474.6 3580.9 3688.4 3797.0 3906.7 4017.4	8.9 18.8 10.9 17.7 15.1 21.2 16.8 15.0 11.2
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0 690.0	596.1 606.0 615.9 625.8 635.8 645.7 655.6 675.4 685.3	4.850 4.794 4.761 4.683 4.647 4.631 4.598 4.514 4.475 4.457	4.803 4.746 4.713 4.634 4.597 4.580 4.547 4.463 4.423 4.404	34.177 34.181 34.191 34.201 34.212 34.223 34.223 34.234 34.242 34.249 34.256	27.045 27.055 27.066 27.083 27.096 27.107 27.119 27.134 27.144 27.152	29.808 29.864 29.921 29.985 30.044 30.101 30.159 30.222 30.278 30.332	27.040 27.050 27.061 27.078 27.090 27.101 27.113 27.129 27.139 27.146	107.2 106.4 105.4 103.7 102.6 101.7 100.6 99.1 98.2 97.6	11.335 11.441 11.547 11.652 11.755 11.857 11.958 12.058 12.157 12.255	.00000000000000000000000000000000000000	1479.1 1479.0 1479.1 1478.9 1479.0 1479.1 1479.1 1479.0 1479.0	4129.3 4242.2 4356.1 4471.0 4587.0 4704.0 4822.0 4941.0 5061.0 5181.9	22.3 9.1 3.0 27.9 10.9 11.8 10.3 12.1 18.2 7.4
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.434 4.399 4.410 4.392 4.367 4.341 4.300 4.267 4.242 4.210	4.381 4.345 4.355 4.337 4.311 4.284 4.242 4.209 4.183 4.151	34.257 34.266 34.283 34.298 34.306 34.318 34.328 34.335 34.341 34.351	27.156 27.167 27.179 27.192 27.202 27.214 27.227 27.235 27.243 27.254	30.382 30.439 30.496 30.556 30.612 30.670 30.729 30.784 30.837 30.895	27.150 27.161 27.173 27.186 27.196 27.208 27.221 27.229 27.236 27.248	97.3 96.3 95.3 94.1 93.3 92.2 91.0 90.2 89.6 88.6	12.352 12.449 12.545 12.639 12.733 12.826 12.917 13.008 13.098 13.187	0000000000	1479.1 1479.1 1479.4 1479.5 1479.6 1479.6 1479.6 1479.7 1479.7	5303.8 5426.6 5550.4 5675.1 5800.8 5927.3 6054.8 6183.2 6312.4 6442.6	13.2 10.3 9.7 15.0 13.6 11.2 11.8 15.0 14.2 3.9
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.190 4.168 4.148 4.129 4.103 4.077 4.068 4.048 4.016 3.977	4.130 4.107 4.086 4.066 4.040 4.013 4.004 3.983 3.950 3.910	34.359 34.359 34.368 34.376 34.382 34.387 34.391 34.396 34.402 34.405	27.263 27.265 27.274 27.283 27.291 27.297 27.301 27.308 27.316 27.322	30.950 30.999 31.054 31.108 31.215 31.265 31.318 31.372 31.425	27.257 27.259 27.268 27.276 27.284 27.290 27.295 27.301 27.309 27.315	87.8 87.6 86.9 85.4 85.4 84.6 84.0 83.2 82.7	13.275 13.363 13.450 13.537 13.622 13.708 13.792 13.876 13.960 14.043	0000000000	1479.9 1480.0 1480.0 1480.1 1480.2 1480.3 1480.4 1480.5 1480.5	6573.6 6705.5 6838.2 6971.8 7106.2 7241.4 7377.5 7514.5 7652.2 7790.8	14.5 3.3 11.8 12.1 3.4 2.8 9.8 4.0 4.0 8.4
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 932.7 952.6 962.5 972.4 982.3	3.947 3.916 3.869 3.865 3.851 3.818 3.762 3.739 3.728	3.880 3.848 3.831 3.800 3.795 3.780 3.747 3.691 3.667 3.655	34.413 34.423 34.425 34.431 34.434 34.437 34.441 34.447 34.453	27.331 27.340 27.345 27.350 27.355 27.359 27.364 27.373 27.380 27.386	31.480 31.535 31.586 31.637 31.688 31.738 31.790 31.846 31.899 31.951	27.325 27.333 27.338 27.343 27.348 27.352 27.357 27.366 27.373 27.379	79.0	14.125 14.207 14.288 14.368 14.448 14.528 14.607 14.686 14.763 14.841	0000000000	1480.6 1480.7 1480.8 1480.9 1481.0 1481.1 1481.0 1481.1	7930.2 8070.3 8211.3 8353.1 8495.6 8639.0 8783.1 8928.0 9073.6 9220.0	6.6 4.8 4.8 4.6 4.6 9.3 4.6 9.3 6.9

Station	84	Latitude	32. 18.2	28'N	Longitu	de 128°	09.61'W	05	May 1991	GMT 13	:43	Bottom	
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta 10 ⁸ m ³ /kg	Dyn.Ht	LTR	sv m/∎	m ³ /s ²	N ²
db 1000.0 1020.0 1040.0 1060.0	m 992.2 1011.9 1031.7 1051.5	°C 3.711 3.673 3.639 3.608	*C 3.638 3.598 3.563 3.530	0/00 34.459 34.466 34.473 34.478	kg/m ³ 27.392 27.402 27.411 27.419	kg/m ³ 32.003 32.105 32.206 32.306	kg/m ³ 27.385 27.394 27.404 27.411	76.5 75.7 74.9 74.3	J/kg 14.917 15.070 15.220 15.370	0/0	1481.3 1481.5 1481.7 1481.9	9367.2 9663.8 9963.3 10265.8	8.1 6.9 .8 2.9
1080.0 1100.0 1120.0 1140.0	1071.3 1091.0 1110.8 1130.6	3.567 3.528 3.480 3.448	3.488 3.448 3.398 3.365	34.485 34.489 34.494 34.498 34.503	27.428 27.435 27.444 27.450	32.407 32.507 32.608 32.706	27.420 27.428 27.436 27.442	73.5 72.8 72.1 71.6 70.8	15.517 15.664 15.809 15.953 16.095	00000	1482.0 1482.2 1482.3 1482.5 1482.7	10571.1 10879.4 11190.5 11504.4 11821.2	2.9 1.7 3.2 5.5 5.0
1160.0 1180.0	1150.3 1170.1	3.404 3.352	3.320 3.267	34.509	27.459 27.469	32.807 32.910	27.451 27.461	69.9	16.236	:ŏ	1482.8	12140.7	7.3
1200.0 1220.0 1240.0 1260.0 1300.0 1320.0 1340.0 1360.0 1380.0	1189.8 1209.6 1229.4 1249.1 1268.9 1288.6 1308.4 1328.1 1347.9 1367.6	3.315 3.264 3.243 3.208 3.166 3.131 3.086 3.049 3.008 2.977	3.229 3.177 3.154 3.118 3.074 3.038 2.992 2.953 2.911 2.879	34.514 34.519 34.520 34.529 34.532 34.536 34.539 34.542 34.546	27.476 27.485 27.487 27.495 27.502 27.508 27.516 27.522 27.528 27.534	33.009 33.110 33.205 33.304 33.404 33.501 33.602 33.700 33.799 33.896	27.468 27.476 27.479 27.486 27.493 27.507 27.513 27.519 27.525	69.3 68.5 68.3 67.7 67.0 66.5 65.8 65.2 64.6	16.375 16.513 16.650 16.786 16.920 17.054 17.186 17.317 17.446 17.575	0000000000	1483.0 1483.1 1483.4 1483.5 1483.7 1483.9 1484.0 1484.2 1484.4	12462.9 12787.8 13115.4 13445.7 13778.6 14114.2 14452.3 14792.9 15136.2 15481.9	2.9 5.6 10.9 1.8 2.7 3.0 3.3 2.4 1.8
1400.0 1420.0 1440.0 1460.0 1500.0 1520.0 1540.0 1560.0 1580.0	1387.4 1407.1 1426.8 1446.6 1466.3 1486.0 1505.8 1525.5 1545.2 1564.9	2.936 2.902 2.873 2.849 2.823 2.787 2.741 2.703 2.6644	2.837 2.802 2.771 2.747 2.718 2.681 2.634 2.595 2.564 2.534	34.549 34.552 34.554 34.556 34.562 34.562 34.567 34.569 34.571	27.540 27.545 27.550 27.553 27.559 27.564 27.570 27.575 27.579 27.584	33.994 34.092 34.189 34.284 34.381 34.478 34.577 34.674 34.770 34.867	27.531 27.537 27.541 27.544 27.549 27.555 27.560 27.566 27.570 27.574	63.6 63.0 62.7 62.4 62.0 61.5 60.9 60.3 60.0 59.5	17.703 17.829 17.955 18.080 18.204 18.328 18.450 18.571 18.691 18.811	0000000000	1484.7 1484.9 1485.1 1485.6 1485.8 1485.9 1486.1 1486.3 1486.5	15830.1 16180.8 16534.0 16889.6 17247.6 17608.0 17970.9 18336.1 18703.6 19073.4	3.0 3.4 2.5 4.0 1 3.4 1.4 2.5 3.1
1600.0 1620.0 1640.0 1660.0 1700.0 1720.0 1740.0 1760.0 1780.0	1584.7 1604.4 1624.1 1643.8 1663.6 1683.3 1703.0 1722.7 1742.4 1762.1	2.620 2.578 2.543 2.522 2.487 2.472 2.441 2.403 2.380 2.355	2.508 2.465 2.429 2.407 2.370 2.354 2.322 2.283 2.258 2.232	34.573 34.578 34.580 34.581 34.585 34.585 34.588 34.591 34.592 34.595	27.588 27.595 27.600 27.603 27.609 27.611 27.615 27.622 27.624 27.629	34.962 35.062 35.159 35.253 35.351 35.444 35.541 35.639 35.733 35.829	27.578 27.586 27.590 27.593 27.599 27.601 27.605 27.611 27.614 27.619	59.2 58.5 58.0 57.8 57.1 56.6 55.8 55.3	18.930 19.048 19.164 19.280 19.395 19.509 19.623 19.735 19.847 19.958	.00.00.00.00.00	1486.7 1486.9 1487.1 1487.3 1487.5 1487.8 1488.0 1488.2 1488.4 1488.6	19445.6 19820.1 20196.8 20575.8 20957.1 21340.5 21726.2 22114.1 22504.1 22896.3	3.4 4.3 2.3 1.4 2.0 3.2 2.9 3.8 6.2
1800.0 1820.0 1840.0 1860.0 1900.0 1920.0 1920.0 1940.0 1960.0	1781.8 1801.5 1821.2 1840.9 1860.6 1880.3 1900.0 1919.7 1939.3 1959.0	2.325 2.298 2.275 2.250 2.219 2.198 2.188 2.167 2.150 2.135	2.200 2.172 2.148 2.122 2.089 2.066 2.056 2.032 2.015 1.998	34.598 34.601 34.602 34.607 34.607 34.609 34.611 34.612 34.613 34.615	27.633 27.638 27.641 27.645 27.650 27.653 27.655 27.659 27.661 27.663	35.926 36.022 36.116 36.212 36.309 36.403 36.496 36.590 36.683 36.777	27.623 27.628 27.631 27.635 27.640 27.643 27.645 27.648 27.650 27.652	54.9 54.4 54.2 53.7 53.3 53.0 52.9 52.5 52.4	20.068 20.178 20.286 20.394 20.501 20.608 20.713 20.819 20.924 21.028		1488.8 1489.0 1489.3 1489.5 1489.7 1490.0 1490.3 1490.5 1490.8 1491.0	23290.6 23687.1 24085.6 24486.3 24889.0 25293.8 25700.7 26109.6 26520.5 26933.4	4.7 3.6 2.1 4.8 3.0 .7 4.5 .4 .2 2.8
2000.0 2050.0 2100.0 2104.0	1978.7 2027.9 2077.1 2081.1	2.117 2.085 2.050 2.049	1.979 1.943 1.904 1.902	34.616 34.620 34.623 34.624	27.666 27.672 27.677 27.678	36.870 37.103 37.335 37.354	27.655 27.661 27.666 27.666	51.9 51.4 51.0 51.0	21.132 21.391 21.647 21.667	.0	1491.3 1492.0 1492.7 1492.8	27348.4 28394.5 29453.1 29538.3	2.2 1.7 3 .0

Station		Latitude	32° 04			ude 128°		05	May 1991	GMT 1	6:28		
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-6 kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /k	•	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
20.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	16.030 15.950 15.863 15.826 15.774 15.546 15.525 15.563	16.030 15.949 15.860 15.821 15.803 15.766 15.537 15.515 15.550	33.367 33.460 33.458 33.460 33.488 33.541 33.558 33.599 33.638	24.486 24.576 24.594 24.605 24.610 24.638 24.730 24.771 24.801	24.486 24.619 24.637 24.737 24.786 24.858 24.994 25.124 25.124	24.486 24.575 24.593 24.608 24.636 24.728 24.746 24.769 24.798	343.8 335.5 334.1 333.4 333.8 322.3 320.9 319.0 316.5	.000 .342 .677 1.010 1.343 1.676 2.002 2.304 2.644 2.962	000000000000000000000000000000000000000	1508.6 1508.7 1508.6 1508.7 1508.8 1508.3 1508.4 1508.7 1509.0	.0 1.7 6.8 15.2 26.9 42.0 60.3 81.8 106.6	.0 51.5 16.4 5.3 4.4 124.2 62.6 17.0 16.7 8.8
100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.2	15.586 14.942 13.509 12.873 12.002 11.394 10.390 10.356 9.786 9.459	15.571 14.926 13.492 12.856 11.984 11.375 10.371 10.336 9.766 9.438	33.677 33.626 33.487 33.475 33.402 33.394 33.394 33.382 33.424 33.510	24.827 24.930 25.123 25.240 25.383 25.635 25.635 25.632 25.761 25.882	25.267 25.415 25.655 25.819 26.009 26.136 26.355 26.397 26.573 26.740	24.824 24.926 25.119 25.237 25.380 25.461 25.632 25.758 25.878	314.3 304.8 286.4 275.4 261.8 254.2 237.9 238.4 226.1 214.8	3.277 3.587 3.884 4.163 4.433 4.690 4.933 5.172 5.404	00000000000	1509.2 1507.3 1502.6 1500.6 1497.8 1495.8 1492.3 1492.4 1490.5 1489.6	165.5 199.7 236.9 277.0 319.7 365.1 413.0 463.3 515.9 570.7	42.8 87.2 248.3 85.1 213.7 61.4 -2.4 728.6 120.4
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.232 9.069 8.981 8.980 8.857 8.660 8.512 8.389 8.207	9.211 9.046 8.958 8.955 8.831 8.633 8.486 8.361 8.178 8.066	33.600 33.704 33.804 33.875 33.899 33.952 33.966 33.988 33.994	25.989 26.096 26.189 26.245 26.341 26.341 26.408 26.453 26.475	26.893 27.047 27.185 27.285 27.369 27.473 27.556 27.633 27.724 27.792	25.985 26.185 26.241 26.279 26.337 26.374 26.404 26.404 26.470	204.8 194.7 186.1 181.0 177.5 172.1 168.7 166.0 159.9	5.833 6.034 6.226 6.410 6.589 6.765 6.936 7.103 7.268 7.428	00000000000	1489.0 1488.7 1488.9 1488.6 1488.1 1487.7 1487.5 1486.7	627.7 686.7 747.6 810.4 875.0 941.3 1009.4 1079.1 1150.5 1223.5	51.5 80.8 32.0 56.8 74.1 687.6
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.907 7.718 7.503 7.351 7.210 7.115 6.999 6.837 6.667 6.612	7.878 7.688 7.472 7.319 7.178 7.082 6.965 6.803 6.633 6.577	34.007 34.000 34.002 34.004 34.010 34.015 34.014 34.013 34.013	26.512 26.535 26.567 26.590 26.615 26.631 26.648 26.669 26.691 26.698	27.876 27.945 28.024 28.094 28.165 28.227 28.291 28.358 28.427 28.481	26.508 26.530 26.563 26.586 26.610 26.626 26.644 26.664 26.686 26.694	156.4 154.3 151.2 149.1 146.9 145.5 143.9 141.9 139.9	7.587 7.741 7.894 8.044 8.192 8.339 8.484 8.627 8.768	00000000000	1486.2 1485.6 1484.9 1484.5 1484.1 1483.9 1483.6 1483.6 1482.6	1298.1 1374.2 1451.8 1531.0 1611.6 1693.7 1777.2 1862.1 1948.4 2036.2	54.9 30.9 29.7 13.6 20.0 16.7 16.7 19.0 14.9
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.8 407.7 417.6 427.5 437.5 447.4 457.3 467.2 477.1 487.0	6.430 6.306 6.217 6.102 5.990 5.848 5.784 5.687 5.516 5.457	6.395 6.269 6.181 6.065 5.952 5.810 5.745 5.647 5.476 5.417	34.016 34.021 34.022 34.029 34.041 34.042 34.049 34.047 34.056	26.725 26.745 26.757 26.775 26.792 26.819 26.828 26.845 26.864 26.878	28.555 28.622 28.681 28.745 28.809 28.883 28.938 29.002 29.129	26.720 26.740 26.752 26.770 26.787 26.814 26.823 26.840 26.860 26.873	136.7 134.9 133.8 132.1 130.6 127.9 127.2 125.6 123.7 122.5	9.045 9.181 9.315 9.448 9.580 9.709 9.837 9.963 10.088 10.211	0000000000	1482.0 1481.7 1481.5 1481.2 1480.9 1480.5 1480.4 1480.2 1480.2 1479.7	2125.2 2215.7 2307.5 2400.6 2495.0 2590.7 2687.6 2785.8 2885.3 2986.0	12.8 6.1 26.6 12.5 20.4 28.8 5.7 30.3
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.6 546.6 556.5 566.4 576.3	5.345 5.310 5.183 5.121 5.054 4.995 4.995 4.881 4.822 4.815	5.304 5.269 5.141 5.079 5.011 4.951 4.908 4.836 4.776 4.769	34.058 34.066 34.070 34.075 34.079 34.092 34.105 34.107 34.117 34.131	26.893 26.904 26.922 26.933 26.944 26.961 26.976 26.986 27.000 27.013	29.191 29.248 29.314 29.372 29.429 29.492 29.554 29.611 29.672 29.729	26.888 26.899 26.917 26.928 26.939 26.956 26.971 26.981 26.995 27.007	121.0 120.1 118.4 117.4 116.3 114.8 113.4 112.5 111.2	10.333 10.454 10.573 10.691 10.807 10.923 11.037 11.150 11.262 11.372	0000000000	1479.3 1479.4 1479.0 1478.9 1478.8 1478.8 1478.6 1478.6 1478.6	3087.9 3191.0 3295.2 3400.7 3507.3 3615.0 3723.9 3833.9 3945.0 4057.1	5.3 31.7 16.5 7.7 7.7 7.1 10.6 13.5 11.5
600.0 610.0 620.0 630.0 640.0 650.0 660.0 680.0 690.0	596.1 606.0 616.0 625.9 635.8 655.6 665.5 675.4 685.3	4.823 4.770 4.773 4.671 4.658 4.594 4.595 4.568 4.536	4.776 4.722 4.724 4.684 4.621 4.607 4.543 4.544 4.515	34.150 34.165 34.182 34.191 34.221 34.225 34.228 34.237 34.250 34.265	27.027 27.045 27.058 27.070 27.093 27.105 27.115 27.122 27.135 27.150	29.789 29.854 29.913 29.971 30.040 30.099 30.155 30.208 30.267 30.329	27.021 27.040 27.052 27.064 27.087 27.100 27.109 27.116 27.129 27.145	108.9 107.3 106.2 105.1 103.0 101.9 101.0 100.4 99.3 97.8	11.482 11.590 11.696 11.802 11.906 12.009 12.110 12.211 12.311 12.409	0000000000	1478.9 1478.9 1479.1 1479.1 1479.2 1479.2 1479.3 1479.3 1479.4	4170.4 4284.8 4400.2 4516.6 4634.1 4752.6 4872.1 4992.6 5114.1 5236.6	14.4 11.5 3.3 14.4 23.5 10.0 6.8 8.6 9.5
700.0 710.0 720.0 730.0 740.0 750.0 750.0 760.0 780.0	695.2 705.1 715.0 724.9 734.8 754.7 764.6 774.5 784.4	4.507 4.480 4.413 4.420 4.397 4.431 4.426 4.373 4.341	4.453 4.425 4.358 4.375 4.364 4.340 4.372 4.367 4.314 4.281	34.269 34.276 34.279 34.291 34.305 34.312 34.331 34.340 34.351 34.353	27.157 27.166 27.175 27.183 27.195 27.203 27.215 27.222 27.237 27.242	30.382 30.436 30.492 30.545 30.604 30.658 30.715 30.768 30.829 30.881	27.151 27.160 27.169 27.176 27.189 27.197 27.208 27.216 27.231 27.236	97.3 96.5 95.7 95.1 94.0 93.3 92.4 91.7 90.4 89.9	12.507 12.604 12.700 12.795 12.890 12.984 13.076 13.169 13.260 13.350	0000000000	1479.4 1479.5 1479.4 1479.6 1479.8 1479.9 1480.2 1480.3 1480.3	5360.0 5484.4 5609.7 5736.0 5863.2 5991.3 6120.4 6250.3 6381.2 6512.9	3.6 12.7 2.4 9.8 4.2 9.8 9.8 9.8
800.0 810.0 820.0 830.0 840.0 850.0 870.0 880.0 890.0	794.3 804.2 814.1 824.0 833.9 843.8 853.7 863.6 873.5 883.3	4.292 4.254 4.225 4.182 4.121 4.054 4.034 4.000 3.983 3.978	4.231 4.193 4.163 4.119 4.058 3.970 3.935 3.918 3.912	34.356 34.358 34.362 34.363 34.365 34.373 34.379 34.384 34.386 34.392	27.250 27.255 27.261 27.267 27.275 27.288 27.296 27.303 27.306 27.312	30.935 30.987 31.039 31.091 31.147 31.207 31.260 31.314 31.364 31.415	27.243 27.249 27.255 27.260 27.269 27.282 27.289 27.289 27.300 27.305	84.0	13.440 13.529 13.617 13.705 13.792 13.878 13.964 14.048 14.133 14.217	0000000000	1480.3 1480.4 1480.3 1480.3 1480.2 1480.2 1480.2 1480.3 1480.4	6645.5 6779.1 6913.4 7048.7 7184.8 7321.7 7459.5 7598.2 7737.6 7877.9	4.5 7.2 18.0 8.9 4.8 3.9 6.3 1.6
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.3 903.2 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	3.939 3.921 3.903 3.879 3.867 3.850 3.840 3.796 3.768 3.747	3.872 3.853 3.835 3.810 3.779 3.779 3.769 3.725 3.696 3.674	34.398 34.400 34.404 34.417 34.417 34.421 34.429 34.435 34.437 34.442	27.321 27.324 27.329 27.336 27.343 27.348 27.356 27.365 27.369 27.376	31.470 31.520 31.571 31.624 31.677 31.728 31.781 31.836 31.888 31.940	27.314 27.317 27.322 27.330 27.336 27.341 27.349 27.357 27.362 27.368	82.5 82.1 81.5 80.9 80.5 79.8 79.0 78.6	14.300 14.382 14.465 14.628 14.709 14.789 14.868 14.947 15.026	.00	1480.5 1480.6 1480.7 1480.8 1480.9 1481.0 1481.1 1481.1 1481.2 1481.3	8019.0 8160.9 8303.6 8447.2 8591.5 8736.6 8882.5 9029.2 9176.7 9324.9	1.3 5.4 6.9 9.2 2.5 10.1 10.1 11.0

Station	85	Latitude	32. 04.	85'N	Longitu	de 128°	16.37'W	05	May 1991	GMT 16	:28	Bottom	
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn.Ht	LTR	sv	m ³ /s ²	N ²
db 1000.0 1020.0 1040.0 1060.0 1100.0 1120.0 1140.0 1160.0	m 992.2 1012.0 1031.7 1051.5 1071.3 1091.1 1110.8 1130.6 1150.4 1170.1	*C 3.737 3.680 3.640 3.550 3.5510 3.495 3.448 3.448 3.366	*C 3.664 3.505 3.572 3.471 3.430 3.414 3.365 3.321 3.281	0/00 34.446 34.453 34.468 34.468 34.479 34.485 34.493 34.497 34.505	kg/m ³ 27.379 27.391 27.399 27.411 27.420 27.429 27.435 27.445 27.454	kg/m ³ 31.990 32.094 32.194 32.298 32.400 32.501 32.598 32.702 32.802 32.802	kg/m ³ 27.372 27.384 27.392 27.403 27.412 27.421 27.427 27.438 27.446 27.455	10 ⁸ m ³ /kg 77.7 76.7 76.0 75.0 74.2 73.4 73.0 72.0 71.3 70.4	J/kg 15.103 15.258 15.410 15.561 15.711 15.858 16.005 16.149 16.292	0 0000000000000000000000000000000000000	m/s 1481.4 1481.5 1481.7 1481.8 1482.0 1482.1 1482.4 1482.5 1482.7	9473.9 9774.2 10077.5 10383.8 10693.0 11005.1 11320.0 11637.8 11958.5 12281.9	10 ⁶ /s ² 5.2 1.7 1.1 5.5 2.6 4.1 6.7 5.8 4.7
1200.0 1220.0 1240.0 1260.0 1300.0 1320.0 1340.0 1340.0 1380.0	1189.9 1209.7 1229.4 1249.2 1268.9 1288.7 1308.4 1328.2 1347.9 1367.7	3.318 3.275 3.248 3.217 3.184 3.150 3.113 3.074 3.038 2.989	3.232 3.187 3.159 3.126 3.092 3.057 3.018 2.978 2.978 2.891	34.507 34.512 34.515 34.519 34.523 34.528 34.533 34.538 34.538	27.470 27.479 27.484 27.489 27.496 27.503 27.510 27.518 27.524 27.531	33.003 33.104 33.201 33.298 33.397 33.496 33.596 33.695 33.695 33.893	27.461 27.475 27.481 27.487 27.487 27.502 27.509 27.509 27.515 27.522	69.9 69.1 68.7 68.2 67.6 67.3 65.6 65.1	16.574 16.713 16.851 16.851 17.124 17.258 17.391 17.523 17.654 17.784	00000000000	1483.0 1483.4 1483.6 1483.8 1484.0 1484.1 1484.3 1484.5 1484.5	12608.0 12936.9 13268.5 13602.8 13939.7 14279.3 14621.4 14966.2 15313.5	2.1 2.4 3.8 2.7 6.8 2.4 7.1 5.6 2.4
1400.0 1420.0 1440.0 1460.0 1500.0 1520.0 1540.0 1560.0 1580.0	1387.4 1407.2 1426.9 1446.6 1466.4 1486.1 1505.8 1525.6 1545.3 1565.0	2.953 2.917 2.875 2.845 2.806 2.770 2.741 2.694 2.665 2.628	2.854 2.816 2.774 2.742 2.702 2.665 2.634 2.586 2.556 2.517	34.549 34.551 34.554 34.556 34.569 34.564 34.568 34.569 34.572	27.538 27.544 27.550 27.554 27.560 27.565 27.577 27.577 27.581 27.586	33.993 34.090 34.188 34.285 34.383 34.480 34.577 34.676 34.772 34.870	27.529 27.535 27.541 27.545 27.551 27.556 27.561 27.567 27.572 27.577	63.8 63.3 62.7 62.3 61.8 61.3 60.8 60.2 59.8 59.2	17.912 18.039 18.165 18.290 18.414 18.537 18.659 18.780 18.900 19.019	00000000000	1484.8 1485.0 1485.1 1485.4 1485.5 1485.7 1486.0 1486.3 1486.4	16015.7 16370.6 16727.9 17087.6 17449.8 17814.4 18181.3 18550.6 18922.3 19296.3	3.6 4.2 4.5 3.1 4.0 1.9 1.3 4.9 2.3
1600.0 1620.0 1640.0 1660.0 1700.0 1720.0 1740.0 1760.0 1780.0	1584.7 1604.4 1624.2 1643.9 1663.6 1683.3 1703.0 1722.7 1742.4 1762.2	2.592 2.562 2.533 2.495 2.480 2.462 2.438 2.413 2.387 2.358	2.480 2.450 2.419 2.380 2.364 2.319 2.293 2.265 2.235	34.575 34.578 34.580 34.583 34.585 34.586 34.589 34.591 34.593	27.592 27.597 27.601 27.607 27.609 27.612 27.617 27.620 27.624 27.628	34.967 35.064 35.160 35.258 35.352 35.446 35.542 35.637 35.733 35.829	27.582 27.587 27.591 27.597 27.600 27.602 27.607 27.610 27.614 27.618	58.7 58.3 57.3 57.1 56.9 56.5 56.2 55.8	19.137 19.254 19.370 19.485 19.600 19.714 19.827 19.940 20.052 20.163	0000000000	1486.6 1486.8 1487.0 1487.2 1487.5 1487.7 1488.0 1488.2 1488.4 1488.6	19672.5 20051.1 20431.9 20815.0 21200.3 21587.7 21977.5 22369.3 22763.4 23159.6	2.9 3.4 1.1 1.1 .3 9 3.5 2.9 7.1 3.0
1800.0 1820.0 1840.0 1860.0 1900.0 1920.0 1940.0 1960.0 1980.0	1781.8 1801.6 1821.3 1840.9 1860.7 1880.3 1900.0 1919.7 1939.4 1959.1	2.337 2.315 2.289 2.257 2.235 2.214 2.190 2.163 2.138 2.119	2.213 2.189 2.162 2.129 2.105 2.082 2.057 2.029 2.003 1.982	34.596 34.598 34.600 34.603 34.604 34.607 34.609 34.611 34.614 34.615	27.631 27.634 27.639 27.643 27.646 27.650 27.654 27.658 27.662 27.665	35.923 36.017 36.113 36.209 36.304 36.399 36.494 36.590 36.685 36.779	27.621 27.624 27.628 27.632 27.639 27.643 27.647 27.651 27.654	55.2 54.9 54.4 54.0 53.7 53.4 52.6 52.2	20.273 20.383 20.493 20.601 20.709 20.816 20.922 21.028 21.132 21.236	0000000000	1488.9 1489.1 1489.3 1489.5 1489.8 1490.0 1490.3 1490.7 1490.7	23558.0 23958.5 24361.2 24765.9 25172.7 25581.6 25992.6 26405.6 26820.6 27237.7	1.5 3.0 2.7 1.0 5 2.8 1.9 5.1 3.1
2000.0 2050.0 2096.0	1978.8 2028.0 2073.2	2.099 2.058 2.009	1.961 1.916 1.864	34.617 34.621 34.625	27.668 27.675 27.682	36.874 37.108 37.324	27.657 27.664 27.671	51.6 51.0 50.3	21.340 21.597 21.830	.0	1491.2 1491.9 1492.4	27656.7 28713.1 29695.8	3.1 1.1 .0

Station		Latitude	31. 59.			ide 128°			May 1991			Bottom	
Pres.	Depth m	Temp. °C	Pot.T.	Sal 0/00	Sigma -0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	10 ⁸ m ³ /kg	-	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.9 49.8 59.8 69.7 79.7	16.301 16.107 15.786 15.747 15.731 15.752 15.200 15.423 15.424 15.812	16.301 16.105 15.783 15.725 15.725 15.724 15.191 15.412 15.431 15.798	33.365 33.384 33.447 33.446 33.448 33.377 33.469 33.510 33.650	24.423 24.481 24.603 24.617 24.623 24.623 24.730 24.730 24.756	24.423 24.525 24.691 24.744 24.793 24.843 24.845 25.011 25.082 25.151	24.423 24.481 24.602 24.615 24.615 24.678 24.700 24.727 24.753	349.8 344.5 333.2 332.7 332.5 332.2 327.0 325.3 323.0 320.9	.000 .348 .684 1.017 1.350 1.682 2.012 2.339 2.662 2.984	0000000000	1509.5 1509.0 1508.3 1508.4 1508.7 1507.0 1508.0 1508.3 1509.8	.0 1.7 6.9 15.4 27.2 42.3 60.7 82.3 107.2	.0 65.9 15.2 5.8 5.6 7.3 1.7 55.3 31.9
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.2	15.827 15.981 15.983 14.720 13.837 13.119 12.276 11.764 11.364 10.816	15.811 15.964 15.964 14.701 13.818 13.098 12.255 11.742 11.342 10.793	33.704 33.779 33.818 33.610 33.563 33.615 33.587 33.589 33.552 33.569	24.794 24.818 24.847 24.965 25.115 25.301 25.511 25.587 25.699	25.234 25.301 25.374 25.539 25.735 25.968 26.158 26.271 26.393 26.552	24.791 24.814 24.843 24.961 25.111 25.297 25.440 25.507 25.583 25.695	317.5 315.6 313.1 301.9 287.8 270.2 256.6 250.4 243.3 232.7	3.303 3.619 3.934 4.240 4.534 4.812 5.077 5.330 5.577 5.816	0000000000	1510.0 1510.8 1511.0 1506.9 1504.1 1502.0 1499.2 1497.6 1496.3 1494.6	166.7 201.1 238.7 279.4 323.1 369.6 418.8 470.6 524.9 581.5	21.8 13.0 92.7 105.3 100.5 60.0 169.0 30.1 37.7 243.7
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 248.8 258.8 268.7 278.6 288.6	10.322 9.825 9.411 9.282 9.081 8.809 8.718 8.514 8.293 8.031	10.299 9.801 9.387 9.257 9.055 8.783 8.691 8.486 8.265 8.002	33.596 33.611 33.676 33.728 33.740 33.855 33.889 33.961 33.986 33.998	25.805 25.901 26.020 26.081 26.123 26.256 26.297 26.385 26.438 26.487	26.705 26.847 27.014 27.121 27.209 27.388 27.474 27.609 27.708 27.804	25.801 25.897 26.016 26.077 26.119 26.252 26.292 26.381 26.434 26.483	222.6 213.6 202.3 196.6 192.8 180.3 176.5 168.2 163.3 158.7	6.042 6.259 6.467 6.668 6.862 7.049 7.227 7.400 7.565 7.727	0000000000	1493.0 1491.4 1490.1 1489.9 1488.6 1488.4 1487.9 1487.3 1486.5	640.5 701.7 764.9 830.2 897.4 966.6 1037.5 1110.2 1184.5 1260.4	62.7 56.4 31.5 117.5 96.4 94.3 34.3 89.6 37.4 65.2
300.0 310.0 320.0 330.0 340.0 350.0 370.0 380.0	298.5 308.4 318.4 328.3 338.2 348.1 358.1 368.0 377.9 387.9	7.888 7.752 7.517 7.395 7.284 7.097 6.984 6.759 6.500	7.858 7.722 7.486 7.364 7.252 7.064 6.951 6.890 6.724 6.465	33.998 34.000 34.002 34.001 34.002 34.002 34.002 34.004 34.008	26.508 26.529 26.565 26.582 26.598 26.629 26.639 26.648 26.672 26.709	27.872 27.939 28.022 28.085 28.148 28.221 28.283 28.337 28.408 28.493	26.503 26.525 26.560 26.577 26.594 26.619 26.635 26.643 26.667 26.705	156.8 154.8 151.5 150.0 148.5 146.1 144.7 144.7 141.7	7.884 8.040 8.193 8.344 8.493 8.640 8.785 8.930 9.072 9.212	0000000000	1486.1 1485.7 1485.0 1484.7 1484.4 1483.5 1483.5 1483.0 1482.1	1338.0 1417.0 1497.7 1579.8 1663.4 1748.4 1834.9 1922.8 2012.2 2103.0	27.4 54.6 12.7 32.0 37.6 22.9 7.4 24.8 7.0
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.8 407.7 417.6 427.6 437.5 447.4 457.3 467.3 477.2 487.1	6.436 6.233 6.161 6.113 6.016 5.898 5.770 5.677	6.401 6.197 6.125 6.075 5.977 5.860 5.739 5.630 5.537 5.408	34.007 34.010 34.011 34.013 34.021 34.021 34.028 34.035 34.049 34.053	26.717 26.746 26.755 26.763 26.779 26.796 26.818 26.836 26.858 26.877	28.547 28.623 28.679 28.733 28.795 28.860 28.928 28.928 29.062 29.129	26.712 26.741 26.751 26.758 26.774 26.792 26.813 26.831 26.853 26.872	137.5 134.7 133.9 133.2 131.8 130.1 128.1 126.4 124.4	9.350 9.486 9.620 9.753 9.886 10.017 10.146 10.273 10.399 10.522	00000000000	1482.0 1481.4 1481.3 1481.2 1481.0 1480.7 1480.4 1480.1 1479.9 1479.6	2195.1 2288.5 2383.3 2479.5 2576.9 2675.7 2775.7 2877.0 2979.5 3083.3	16.1 19.5 5.8 14.2 17.2 12.2 29.1 13.9 28.5 6.2
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.8 536.7 546.5 556.4 576.3 586.3	5.424 5.404 5.208 5.110 5.073 4.984 4.898 4.839 4.775	5.382 5.362 5.166 5.068 5.030 4.940 4.900 4.853 4.794 4.729	34.056 34.067 34.071 34.078 34.087 34.102 34.110 34.114 34.127 34.134	26.882 26.919 26.937 26.948 26.970 26.981 26.989 27.006 27.019	29.180 29.236 29.311 29.376 29.433 29.559 29.559 29.614 29.677 29.737	26.877 26.888 26.915 26.932 26.943 26.965 26.976 26.984 27.001	122.2 121.2 118.6 117.0 116.0 113.9 112.9 112.2 110.6 109.5	10.645 10.766 10.886 11.004 11.121 11.236 11.349 11.462 11.573 11.683	0000000000	1479.6 1479.7 1479.1 1478.9 1478.7 1478.7 1478.7 1478.7	3188.3 3294.4 3401.8 3510.4 3620.1 3730.9 3842.9 3956.0 4070.2 4185.4	3.9 25.6 7.7 18.2 17.3 14.1 13.8 12.3 19.1
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.2 606.1 616.0 625.9 635.8 645.6 665.5 675.5 685.3	4.733 4.708 4.692 4.647 4.630 4.630 4.584 4.584 4.506	4.686 4.660 4.644 4.622 4.597 4.580 4.553 4.532 4.492 4.453	34.144 34.152 34.162 34.178 34.191 34.202 34.213 34.220 34.236 34.250	27.032 27.042 27.051 27.066 27.079 27.090 27.101 27.110 27.126 27.141	29.796 29.852 29.907 29.969 30.028 30.084 30.142 30.196 30.259 30.320	27.027 27.036 27.046 27.061 27.074 27.084 27.096 27.104 27.121 27.136	108.3 107.5 106.6 105.3 104.2 103.3 102.3 101.5 100.0 98.6	11.792 11.900 12.007 12.113 12.218 12.321 12.424 12.526 12.627 12.726		1478.6 1478.6 1478.8 1478.8 1478.9 1479.0 1479.1 1479.2 1479.2	4301.8 4419.2 4537.7 4657.2 4777.8 4899.4 5022.0 5145.6 5270.2 5395.8	9.1 10.3 18.2 12.9 8.0 4.2 16.5 9.7 25.0
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.3 705.2 715.1 725.0 734.8 754.7 764.6 774.5 784.4	4.484 4.458 4.426 4.385 4.341 4.292 4.267 4.247 4.223 4.191	4.430 4.404 4.371 4.329 4.285 4.235 4.209 4.189 4.164 4.131	34.255 34.266 34.274 34.286 34.297 34.305 34.313 34.318 34.324 34.324	27.148 27.160 27.170 27.184 27.197 27.209 27.218 27.224 27.231 27.236	30.373 30.431 30.487 30.548 30.607 30.721 30.773 30.827 30.878	27.142 27.154 27.164 27.178 27.191 27.203 27.212 27.218 27.225 27.230	98.1 97.0 96.2 94.9 93.7 92.6 91.8 91.3 90.6	12.825 12.922 13.019 13.115 13.209 13.302 13.394 13.486 13.576 13.667	.00000000000	1479.4 1479.4 1479.4 1479.4 1479.4 1479.5 1479.6 1479.6	5522.4 5649.9 5778.4 5907.9 6038.2 6169.5 6301.7 6434.8 6568.8 6703.7	16.5 10.3 20.0 13.6 14.1 14.1 6.5 2.4 2.7
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.3 804.2 814.1 824.0 833.9 843.7 863.6 873.5 883.4	4.151 4.137 4.116 4.092 4.060 4.036 4.023 3.984 3.962 3.928	4.091 4.076 4.054 4.030 3.997 3.958 3.919 3.897 3.862	34.334 34.344 34.349 34.359 34.369 34.369 34.376 34.384 34.384	27.247 27.253 27.258 27.266 27.277 27.284 27.288 27.299 27.307 27.317	30.935 30.987 31.039 31.092 31.149 31.203 31.253 31.310 31.364 31.421	27.241 27.247 27.252 27.259 27.270 27.278 27.282 27.292 27.300 27.310	89.2 88.2 87.6 86.6 86.7 84.7 84.0 83.0	13.757 13.845 13.934 14.022 14.109 14.195 14.281 14.366 14.450 14.534		1479.7 1479.8 1479.9 1480.0 1480.1 1480.2 1480.2 1480.3	6839.5 6976.1 7113.6 7252.0 7391.2 7531.3 7672.3 7814.0 7956.6 8100.1	11.8 4.5 8.6 13.9 9.2 3.3 4.2 8.3 9.2
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.3 903.2 913.1 923.0 932.9 942.8 952.7 962.5 972.4 982.3	3.917 3.885 3.847 3.822 3.809 3.790 3.761 3.747 3.728 3.707	3.851 3.818 3.779 3.753 3.740 3.720 3.690 3.676 3.656 3.635	34.401 34.407 34.410 34.415 34.421 34.425 34.428 34.432 34.432	27.320 27.329 27.337 27.342 27.347 27.354 27.360 27.364 27.370 27.375	31.469 31.525 31.580 31.631 31.682 31.735 31.787 31.889 31.940	27.313 27.322 27.330 27.335 27.340 27.347 27.353 27.357 27.362 27.367	82.9 82.0 81.3 80.8 80.4 79.3 79.0 78.5	14.617 14.699 14.781 14.862 14.942 15.022 15.102 15.181 15.260 15.338	.00.00	1480.4 1480.5 1480.5 1480.5 1480.7 1480.8 1480.8 1480.9 1481.0	8244.3 8389.4 8535.2 8681.9 8829.3 8977.5 9126.5 9276.3 9578.2	10.7 2.2 3.1 4.5 7.5 12.2 7.8 3.2 5.7

Station	86	Latitude	31. 59.	52'N	Longitu	de 128°	01.72'W	05	May 1991	GMT 19	:02	Bottom	
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn.Ht	LTR	sv	m ³ /s ²	N ²
ďb	m	·c	*c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	J/kg	0/0	m/s	m ³ /s ²	$10^{6}/s^{2}$
1000.0	992.2	3.682	2 600		=			-		^	1481.1	9730.3	4.6
1020.0	1012.0	3.637	3.608 3.563	34.440 34.448	27.381 27.391	31.992 32.096	27.373 27.384	77.5 76.5	15.416 15.570	.0	1481.3	10036.8	7.5
1040.0	1031.8	3.606	3.530	34.454	27.399	32.195	27.391	75.9	15.722	.ŏ	1481.5	10346.2	5.5
1060.0	1051.6	3.579	3.502	34.462	27.408	32.296	27.401	75.2	15.874	.ŏ	1481.7	10658.7	4.3
1080.0	1071.3	3.561	3.483	34.475	27.421	32.400	27.413	74.1	16.023	.ō	1482.0	10974.0	6.7
1100.0	1091.1	3.515	3.435	34.483	27.431	32.503	27.424	73.2	16.170	.0	1482.2	11292.3	9.6
1120.0	1110.9	3.466	3,385	34.489	27.441	32.605	27.433	72.3	16.316	.0	1482.3	11613.4	.3
1140.0	1130.6	3.411	3.328	34.495	27.451	32.708	27.444	71.3	16.459	.0	1482.4	11937.4	7.3
1160.0	1150.4	3.363	3,279	34.499	27.459	32.809	27.451	70.6	16.601	.0	1482.5	12264.1	6.4
1180.0	1170.2	3.310	3.226	34.505	27.469	32.911	27.461	69.8	16.741	.0	1482.6	12593.6	1.7
1200.0	1189.9	3.274	3.188	34.507	27.474	33.009	27.466	69.3	16.880	.0	1482.8	12925.8	2.3
1220.0	1209.7	3.234	3.147	34.511	27.481	33.108	27,473	68.7	17.018	.ŏ	1483.0	13260.8	2.9
1240.0	1229.4	3.196	3.108	34.515	27.488	33.207	27.480	68.1	17.155	.ŏ	1483.2	13598.4	3.2
1260.0	1249.2	3.168	3.078	34.518	27.493	33.304	27.485	67.7	17.291	.ŏ	1483.4	13938.6	4.7
1280.0	1269.0	3.139	3.047	34.522	27.500	33.402	27.491	67.1	17.426	.ŏ	1483.6	14281.5	4.4
1300.0	1288.7	3.114	3.021	34.526	27.504	33.499	27.496	66.7	17.559	.ŏ	1483.8	14627.1	3.3
1320.0	1308.5	3.095	3.001	34.529	27.509	33.595	27.501	66.4	17.692	.ŏ	1484.1	14975.2	.,7
1340.0	1328.2	3.070	2.974	34.532	27.514	33.692	27.505	66.0	17.825	.ŏ	1484.3	15325.9	4.8
1360.0	1348.0	3.038	2.941	34.537	27.521	33.791	27.513	65.3	17.956	.ŏ	1484.5	15679.2	.1
1380.0	1367.7	2.997	2.899	34.540	27.528	33.889	27.519	64.8	18.087	.ŏ	1484.7	16035.0	5.1
1400.0	1387.4	2.945	2.846	34.546	27.537	33.991	27.528	63.9	18.215	٠,	1484.8	16393.4	2.7 5.7
1420.0	1407.2	2.911	2.810	34.549	27.542	34.088	27.533	63.4	18.343	.0	1485.0	16754.2	3.7
1440.0	1426.9	2.881	2.780	34.550	27.546	34.184	27.537	63.1	18,469	.0	1485.2	17117.5	
1460.0	1446.7	2.852	2.749	34.554	27.552	34.282	27.543	62.5	18.595	٠,٥	1485.4	17483.3	4.5
1480.0	1466.4	2.822	2.718	34.558	27.558	34.380	27.549	62.0	18.719	.o	1485.6	17851.5 18222.1	2.5 6.9
1500.0	1486.1	2.805	2.700	34.561 34.564	27.562	34.475	27.552 27.558	61.7	18.843 18.966	.0	1485.9 1486.0	18595.1	2.2
1520.0 1540.0	1505.9 1525.6	2.768 2.731	2.661 2.623	34.568	27.568	34.573 34.672	27.565	61.2 60.6	19.088	.0	1486.2	18970.5	2.8
			2.572	34.571	27.574 27.581	34.772	27.572	59.8	19,208	:0	1486.3	19348.2	2.5
1560.0 1580.0	1545.3	2.681		34.575			27.578	59.2	19.327	.ŏ	1486.5	19728.3	6.4
1380.0	1565.1	2.641	2.530	34.575	27.587	34.870	21.516	39.2	19.327		1400.5	19120.3	
1600.0	1584.8	2.614	2.503	34.576	27.591	34.965	27.581	58.9	19.445	.0	1486.7	20110.6	6.4
1620.0	1604.5	2.577	2.464	34.580	27.597	35.064	27.587	58.3	19.563	.0	1486.9	20495.3	7.0
1640.0	1624.2	2.550	2.436	34.582	27.601	35.159	27.591	58.0	19.679	.0	1487.1	20882.2	3.5
1660.0	1643.9	2.512	2.397	34,585	27.607	35.257	27.597	57.4	19.794	.0	1487.3	21271.3	2.3
1680.0	1663.6	2.489	2.372	34.587	27.610	35.353	27.601	57.0	19.909	.0	1487.5	21662.7	3.2
1700.0	1683.3	2.437	2.319	34.588	27.616	35.451	27.606	56.4	20.022	.0	1487.6	22056.3	2.9
1720.0	1703.1	2.411	2.291	34.591	27.621	35.548	27.611	56.0	20.134	.0	1487.9	22452.0	2.6
1740.0	1722.8	2.375	2.254	34.594	27.626	35.645	27,616	55.5	20.246	.0	1488.0	22850.0	2.6
1760.0	1742.5	2.350	2.229	34.596	27.629	35.739	27.619	55.2	20.356	.0	1488.3	23250.1	2.1
1780.0	1762.2	2.336	2.213	34.598	27.632	35.833	27,622	54.9	20.466	.0	1488.5	23652.3	1.2
1800.0	1781.9	2.320	2,195	34.599	27.635	35.927	27.624	54.8	20.576	.0	1488.8	24056.6	- 6
1820.0	1801.6	2.295	2.169	34.600	27.638	36.022	27.627	54.5	20.685	.ŏ	1489.0	24463.1	.6 4.2
1840.0	1821.3	2.282	2.154	34.603	27.642	36.116	27.631	54.2	20.794	.č	1489.3	24871.7	2.4
1860.0	1841.0	2.255	2.126	34.605	27.645	36.211	27.634	53.8	20.902	.ŏ	1489.5	25282.4	2.4
1880.0	1860.7	2.230	2.100	34.607	27.649	36.307	27.638	53.4	21.009	.ŏ	1489.8	25695.1	7
1900.0	1880.4	2.210	2.078	34.608	27.652	36.401	27.641	53.2	21.116	.õ	1490.0	26109.9	3.6
1920.0	1900.1	2.191	2.059	34.610	27.655	36.495	27.644	52.9	21.222	.ŏ	1490.3	26526.8	3.7
1940.0	1919.8	2.171	2.036	34.612	27.658	36.589	27.647	52.6	21.327	.ŏ	1490.5	26945.7	.4
1960.0	1939.5	2.148	2.012	34.614	27.661	36.684	27.650	52.3	21.432	.ŏ	1490.8	27366.7	2.2
1980.0	1959.1	2.127	1.990	34.615	27.664	36.778	27.653	52.0	21.537	.ŏ	1491.0	27789.6	2.5
2000.0	1978.8	2.113	1.975	34.617	27.667	36.871	27.656	51.8	21.640	٠,٥	1491.3	28214.6	1.7
2050.0	2028.0	2.068	1.926	34.621	27.674	37.106	27.663	51.2	21.898	.0	1491.9	29285.8	2.3
2100.0	2077.2	2.029	1.883	34.625	27.680	37.339	27.669	50.6	22.153	.0	1492.6 1492.6	30369.3 30369.3	.0 .0
2100.0	2077.2	2.029	1.883	34.625	27.680	37.339	27.669	50.6	22.153	.0	1472.0	20203.3	.0

Station		Latitude	32° 13.	.04'N	Longit	ude 127°	54.84'W	05	May 1991	GMT 21	l:53	Bottom	
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /k	Dyn.Ht g J/kg	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 59.8 69.7 79.7	16.114 16.070 15.496 15.511 15.613 15.701 15.687 15.679 15.737 15.909	16.114 16.069 15.493 15.507 15.607 15.693 15.678 15.668 15.724 15.895	33.307 33.264 33.301 33.315 33.547 33.560 33.616 33.647 33.723	24.421 24.398 24.555 24.563 24.665 24.700 24.758 24.770 24.770	24.421 24.442 24.643 24.695 24.841 24.920 25.008 25.066 25.122 25.185	24.421 24.398 24.554 24.562 24.663 24.742 24.756 24.767 24.787	349.9 352.4 337.8 337.3 327.9 324.9 321.0 319.9 319.2 317.6	.000 .352 .692 1.030 1.365 1.691 2.014 2.335 2.655 2.973	0000000000	1508.8 1507.2 1507.4 1508.1 1508.6 1508.8 1509.0 1509.4 1510.1	.0 1.7 7.0 15.5 27.5 42.7 61.2 82.8 107.7 135.7	267.6 11.9 10.8 133.5 16.7 27.5 6.2 10.6 17.4
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.2	15.813 15.185 14.221 13.655 13.060 12.167 10.333 9.544 9.453 9.220	15.798 15.169 14.204 13.636 13.041 12.148 10.314 9.525 9.434 9.200	33.715 33.654 33.525 33.611 33.541 33.282 33.309 33.443 33.523	24.806 24.898 25.005 25.190 25.255 25.374 25.558 25.710 25.830 25.930	25.246 25.383 25.536 25.766 25.878 26.043 26.279 26.479 26.644 26.790	24.803 24.895 25.002 25.186 25.251 25.370 25.555 25.707 25.827 25.927	316.4 307.8 297.7 280.4 274.3 263.0 245.1 230.6 219.4 210.1	3.290 3.603 3.907 4.198 4.474 4.743 4.997 5.235 5.462 5.677	0000000000	1510.0 1508.1 1505.0 1503.4 1501.5 1498.6 1492.0 1489.3 1489.3	166.9 201.2 238.6 278.9 322.1 367.9 416.4 467.3 520.5 575.9	49.3 39.2 127.8 247.7 85.4 218.5 152.8 86.2 89.4 98.7
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.082 8.958 8.854 8.747 8.570 8.455 8.298 8.296 7.997 7.888	9.060 8.936 8.830 8.723 8.545 8.429 8.272 8.178 7.969 7.860	33.647 33.719 33.800 33.854 33.909 33.978 33.978 33.982 33.991 33.993	26.050 26.126 26.206 26.265 26.335 26.431 26.448 26.486 26.504	26.955 27.076 27.202 27.307 27.423 27.529 27.611 27.674 27.759 27.822	26.046 26.122 26.202 26.261 26.331 26.391 26.427 26.444 26.482 26.500	198.9 191.9 184.4 179.0 172.4 166.9 163.6 162.1 158.5 157.0	5.881 6.076 6.263 6.444 6.620 6.789 6.954 7.117 7.277	00000000000	1488.5 1488.3 1488.2 1488.0 1487.6 1487.4 1486.8 1486.2 1485.9	633.4 692.8 754.1 817.3 882.2 948.8 1017.1 1086.9 1158.4 1231.5	121.8 138.8 101.3 16.4 76.4 38.6 29.5 44.4 18.9 20.7
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.786 7.665 7.489 7.332 7.137 7.043 6.937 6.784 6.686 6.544	7.756 7.634 7.458 7.300 7.105 7.010 6.904 6.750 6.651 6.509	33.996 33.998 33.997 33.999 33.998 34.003 34.007 34.011	26.521 26.540 26.565 26.588 26.615 26.629 26.643 26.668 26.684 26.706	27.886 27.951 28.022 28.092 28.166 28.226 28.286 28.286 28.420 28.490	26.517 26.536 26.560 26.584 26.611 26.625 26.638 26.663 26.679 26.701	155.4 153.8 151.5 149.3 146.8 145.5 144.3 144.3 140.5 138.5	7.591 7.746 7.898 8.049 8.196 8.342 8.487 8.630 8.771	0000000000	1485.7 1485.4 1484.9 1484.4 1483.8 1483.6 1483.3 1482.7 1482.7	1306.1 1382.3 1459.9 1539.1 1619.8 1701.9 1785.4 1870.4 1956.7 2044.5	21.5 26.2 9.8 48.4 29.0 24.1 23.7 14.9 31.0
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.8 407.7 417.6 427.5 437.4 447.4 457.3 467.2 477.1	6.373 6.213 6.059 5.963 5.850 5.781 5.688 5.603 5.488 5.387	6.338 6.177 6.023 5.926 5.813 5.743 5.650 5.563 5.448 5.347	34.016 34.021 34.027 34.032 34.040 34.042 34.043 34.043 34.043	26.732 26.757 26.781 26.781 26.817 26.828 26.840 26.848 26.865 26.885	28.563 28.634 28.706 28.769 28.836 28.893 28.951 29.007 29.070 29.133	26.727 26.752 26.777 26.793 26.813 26.823 26.835 26.835 26.844 26.860 26.877	136.0 133.7 131.3 129.8 128.0 127.0 126.0 125.2 123.6 122.1	9.048 9.182 9.315 9.445 9.574 9.702 9.829 9.954 10.078 10.201		1481.8 1481.3 1480.9 1480.7 1480.4 1480.3 1480.1 1479.9 1479.6 1479.3	2133.6 2224.1 2315.9 2408.9 2503.3 2598.9 2695.8 2793.9 2893.3 2993.9	28.6 24.8 15.4 11.6 9.8 9.2 13.6 15.0 19.1
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.6 546.5 556.5 566.4 576.3	5.338 5.235 5.124 5.063 5.014 4.963 4.922 4.854 4.813 4.771	5.297 5.194 5.082 5.021 4.971 4.920 4.878 4.809 4.768 4.725	34.059 34.065 34.075 34.085 34.093 34.109 34.115 34.123 34.124	26.895 26.911 26.932 26.948 26.959 26.987 27.002 27.015 27.029	29.194 29.257 29.325 29.387 29.445 29.510 29.566 29.627 29.686 29.747	26.890 26.906 26.927 26.943 26.954 26.973 26.983 26.997 27.010 27.024	120.8 119.3 117.3 115.9 114.9 113.1 112.3 111.0 109.8 108.5	10.323 10.443 10.561 10.678 10.794 10.908 11.021 11.132 11.243 11.352		1479.3 1479.1 1478.8 1478.7 1478.7 1478.7 1478.7 1478.6 1478.6	3095.7 3198.7 3302.8 3408.1 3514.6 3622.2 3730.9 3840.7 4063.6	23.2 24.4 18.8 11.8 15.3 16.7 5.0 9.1 1.5
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.7 655.6 665.5 675.4	4.747 4.718 4.685 4.638 4.599 4.568 4.543 4.510 4.495 4.449	4.701 4.670 4.637 4.589 4.550 4.518 4.492 4.458 4.443 4.397	34.157 34.167 34.179 34.187 34.194 34.200 34.212 34.225 34.227 34.227	27.040 27.052 27.065 27.077 27.087 27.095 27.107 27.122 27.125 27.141	29.804 29.862 29.921 29.979 30.035 30.090 30.148 30.209 30.258 30.321	27.035 27.047 27.060 27.072 27.081 27.089 27.102 27.116 27.119 27.135	107.5 106.5 105.3 104.3 103.4 102.7 101.6 100.3 100.1 98.5	11.460 11.567 11.673 11.778 11.881 11.984 12.087 12.187 12.288 12.387	0000000000	1478.6 1478.7 1478.7 1478.7 1478.7 1478.8 1478.9 1478.9 1479.0	4176.7 4290.8 4406.0 4522.2 4757.7 4877.0 4997.2 5118.5 5240.7	15.0 1.2 2.4 18.5 2.1 9.1 12.6 14.4 11.5 2.7
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.5	4.437 4.383 4.351 4.325 4.309 4.300 4.272 4.218 4.171 4.167	4.383 4.329 4.297 4.269 4.253 4.243 4.214 4.160 4.112 4.108	34.245 34.262 34.271 34.279 34.287 34.291 34.301 34.307 34.314 34.330	27.145 27.165 27.175 27.185 27.193 27.197 27.208 27.219 27.229 27.242	30.371 30.438 30.494 30.550 30.604 30.653 30.711 30.769 30.826 30.885	27.139 27.159 27.169 27.179 27.187 27.191 27.202 27.213 27.223 27.223	98.2 96.4 95.5 94.7 94.7 92.7 91.7 90.7 89.6	12.485 12.582 12.679 12.774 12.868 12.962 13.055 13.147 13.239 13.329	0000000000	1479.1 1479.1 1479.1 1479.2 1479.3 1479.4 1479.4 1479.4 1479.4	5363.9 5488.1 5613.2 5739.3 5866.2 5994.2 6123.0 6252.7 6383.4 6514.9	9.1 7.1 11.2 3.0 5.9 3.3 16.8 8.6 17.9
800.0 810.0 820.0 830.0 840.0 850.0 870.0 880.0 890.0	794.3 804.2 814.0 824.0 833.8 843.8 853.7 863.5 873.4 883.3	4.128 4.121 4.081 4.050 4.052 4.064 4.068 4.058 4.043	4.068 4.060 4.019 3.989 3.989 4.000 4.004 3.993 3.977 3.938	34.336 34.348 34.357 34.361 34.367 34.382 34.391 34.396 34.402	27.251 27.261 27.273 27.279 27.284 27.295 27.302 27.306 27.313 27.320	30.940 30.996 31.053 31.107 31.157 31.213 31.265 31.316 31.368 31.422	27.245 27.255 27.266 27.273 27.278 27.288 27.295 27.299 27.306 27.313	88.9 86.9 86.9 85.0 85.0 84.2 83.6 83.9	13.418 13.506 13.594 13.680 13.766 13.851 13.936 14.021 14.104 14.188	0000000000	1479.6 1479.7 1479.7 1479.8 1480.0 1480.2 1480.4 1480.5 1480.6	6647.3 6780.6 6914.8 7049.8 7185.6 7322.3 7459.8 7598.2 7737.3 7877.3	10.9 10.6 15.6 10.6 8.0 1.3 4.2 2.2 6.9
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0 990.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	3.967 3.922 3.825 3.818 3.820 3.800 3.781 3.767 3.757	3.900 3.855 3.757 3.757 3.749 3.750 3.729 3.709 3.695 3.684	34.412 34.417 34.419 34.422 34.430 34.437 34.445 34.445	27.329 27.334 27.349 27.352 27.358 27.366 27.372 27.376 27.381	31.477 31.529 31.586 31.637 31.687 31.739 31.792 31.844 31.894 31.945	27.322 27.327 27.336 27.342 27.345 27.351 27.358 27.369 27.369 27.374	82.1 81.6 80.7 80.2 80.0 79.5 78.8 78.3 78.0 77.5	14.270 14.352 14.433 14.513 14.593 14.673 14.752 14.831 14.909	00000000000	1480.7 1480.6 1480.6 1480.6 1480.7 1480.9 1481.0 1481.1 1481.2	8018.1 8159.8 8302.2 8445.4 8589.4 8734.1 8879.7 9026.0 9173.1 9321.0	3.1 9.8 10.1 3.7 6.3 10.1 10.4 3.4 7.2 6.6

Station	87	Latitude	32° 13.	04'N	Longitu	de 127°	54.84'W	05	May 1991	GMT 21	.:53	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
1000.0 1020.0 1040.0 1060.0 1080.0 1100.0 1120.0 1140.0 1160.0	992.2 1012.0 1031.7 1051.5 1071.3 1091.1 1110.8 1130.6 1150.3 1170.1	3.737 3.715 3.673 3.650 3.651 3.486 3.435 3.405 3.364	3.664 3.640 3.597 3.572 3.531 3.470 3.405 3.353 3.321 3.279	34.453 34.465 34.470 34.475 34.483 34.488 34.492 34.498 34.503	27.385 27.396 27.402 27.408 27.416 27.428 27.439 27.447 27.454 27.462	31.995 32.097 32.196 32.294 32.394 32.499 32.602 32.703 32.803 32.903	27.378 27.388 27.394 27.400 27.408 27.421 27.431 27.439 27.446 27.455	77.2 76.4 75.9 75.4 74.7 73.5 72.6 71.9 71.2 70.5	15.064 15.217 15.370 15.521 15.671 15.819 15.965 16.110 16.253 16.395	000000000000000000000000000000000000000	1481.4 1481.6 1481.8 1482.0 1482.2 1482.3 1482.3 1482.5 1482.5 1482.7	9469.6 9769.1 10071.5 10377.0 10685.4 10996.7 11310.9 11627.9 11947.8 12270.4	8.7 2.02 4.0 7.6 2 5.8 5.6
1200.0 1220.0 1240.0 1260.0 1280.0 1300.0 1320.0 1340.0 1360.0 1380.0	1189.9 1209.6 1229.4 1249.2 1268.9 1288.7 1308.4 1328.2 1347.9 1367.7	3.324 3.290 3.241 3.203 3.160 3.128 3.100 3.060 3.027 2.985	3.237 3.202 3.152 3.113 3.068 3.036 3.036 2.964 2.931 2.887	34.507 34.513 34.518 34.521 34.527 34.527 34.531 34.536 34.540 34.544	27.469 27.477 27.486 27.492 27.499 27.504 27.511 27.518 27.524 27.531	33.002 33.102 33.203 33.302 33.401 33.498 33.596 33.696 33.794 33.894	27.461 27.469 27.478 27.484 27.491 27.502 27.510 27.515 27.522	69.9 69.2 68.4 67.9 67.2 66.8 65.1 65.1	16.535 16.674 16.811 16.948 17.083 17.216 17.350 17.481 17.612 17.742	00000000000	1483.0 1483.2 1483.3 1483.5 1483.7 1483.9 1484.1 1484.3 1484.5 1484.6	12595.8 12923.9 13254.7 13588.2 13924.3 14263.0 14604.4 14948.3 15294.8 15643.8	5.9 5.0 1.8 1.2 1.8 3.0 1.2
1400.0 1420.0 1440.0 1460.0 1500.0 1520.0 1540.0 1560.0 1580.0	1387.4 1407.1 1426.9 1446.6 1466.3 1486.1 1505.8 1525.5 1545.3 1565.0	2.959 2.926 2.891 2.850 2.815 2.795 2.764 2.725 2.695 2.660	2.859 2.826 2.789 2.747 2.711 2.689 2.658 2.5616 2.586 2.550	34.547 34.555 34.555 34.561 34.562 34.566 34.569 34.571 34.574	27.536 27.543 27.549 27.555 27.560 27.564 27.569 27.575 27.580 27.585	33.990 34.089 34.187 34.286 34.383 34.477 34.575 34.673 34.770 34.867	27.527 27.534 27.540 27.546 27.551 27.554 27.560 27.566 27.570 27.576	64.0 63.4 62.8 62.2 61.8 61.5 61.0 60.0 59.5	17.870 17.997 18.124 18.249 18.373 18.496 18.618 18.740 18.860 18.980	00000000000	1484.8 1485.0 1485.2 1485.4 1485.6 1486.0 1486.2 1486.4 1486.6	15995.3 16349.3 16705.8 17064.8 170426.1 17789.9 18156.0 18524.5 18895.4 19268.6	3.9 4.5 2.8 1.3 4.0 4
1600.0 1620.0 1640.0 1660.0 1700.0 1720.0 1740.0 1760.0 1780.0	1584.7 1604.4 1624.1 1643.9 1663.6 1683.3 1703.0 1722.7 1742.4 1762.1	2.630 2.591 2.549 2.511 2.486 2.446 2.436 2.408 2.365 2.350	2.518 2.478 2.435 2.396 2.369 2.329 2.317 2.287 2.243 2.227	34.577 34.579 34.582 34.584 34.587 34.591 34.591 34.595 34.597 34.598	27.590 27.595 27.601 27.606 27.611 27.617 27.618 27.624 27.629 27.631	34.964 35.061 35.159 35.257 35.353 35.451 35.544 35.641 35.739 35.832	27.580 27.586 27.591 27.596 27.601 27.607 27.608 27.614 27.619 27.621	59.1 58.5 58.0 57.4 57.0 56.4 55.8 55.2	19.098 19.216 19.332 19.448 19.562 19.676 19.788 19.900 20.012 20.122	0000000000	1486.8 1487.0 1487.1 1487.3 1487.5 1487.7 1488.0 1488.3 1488.6	19644.1 20021.9 20401.9 20784.2 21168.8 21555.5 21944.5 22335.6 22728.9 23124.3	2.6 2.3 2.0 4.4 2.0 1.5 4.1 3.2 2.7
1800.0 1820.0 1840.0 1860.0 1900.0 1920.0 1940.0 1960.0 1980.0	1781.8 1801.5 1821.2 1840.9 1860.6 1880.3 1900.0 1919.7 1939.4 1959.1	2.332 2.310 2.278 2.249 2.235 2.207 2.199 2.169 2.155 2.143	2.208 2.184 2.151 2.121 2.105 2.076 2.066 2.035 2.020 2.006	34.599 34.601 34.604 34.605 34.609 34.610 34.613 34.614 34.618	27.633 27.637 27.643 27.649 27.652 27.654 27.659 27.661 27.665	35.925 36.020 36.118 36.213 36.306 36.401 36.494 36.590 36.683 36.778	27.623 27.627 27.632 27.635 27.638 27.642 27.643 27.648 27.650 27.654	54.9 54.6 54.0 53.7 53.5 53.1 53.0 52.5 52.4 52.0	20.232 20.341 20.450 20.558 20.665 20.771 20.878 20.983 21.088 21.193	00000000000	1488.9 1489.1 1489.3 1489.5 1489.8 1490.0 1490.3 1490.5 1490.8 1491.1	23521.8 23921.5 24323.3 24727.2 25133.1 25541.2 25951.3 26363.4 26777.5 27193.7	4.7 1.8 3.0 3.0 -4 1.0 1.3 3.4
2000.0 2050.0 2094.0	1978.8 2028.0 2071.3	2.133 2.067 2.012	1.994 1.926 1.867	34.619 34.622 34.627	27.667 27.675 27.683	36.871 37.107 37.316	27.656 27.664 27.672	51.9 51.1 50.3	21.296 21.554 21.776	.0 .0	1491.4 1491.9 1492.4	27611.9 28666.1 29604.0	-1.0 .8 .0

Station	88	Latitude	32° 19.0	59' N	Longitu	ide 127°	51.53'W	05	May 1991	GMT 23		Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.9 49.8 59.8 69.7 79.7	15.878 15.165 15.036 14.985 14.658 14.235 14.506 15.310 15.661	15.878 15.163 15.033 14.981 14.653 14.228 14.407 14.496 15.298 15.647	33.176 33.131 33.123 33.118 33.162 33.145 33.222 33.249 33.517 33.632	24.373 24.497 24.519 24.526 24.631 24.708 24.729 24.731 24.765 24.776	24.373 24.541 24.607 24.659 24.808 24.929 24.994 25.041 25.117 25.172	24.373 24.496 24.518 24.525 24.629 24.706 24.727 24.729 24.762 24.773	354.5 343.0 341.2 340.8 331.1 324.0 322.3 322.4 319.6 318.9	.000 .349 .691 1.032 1.368 1.695 2.019 2.341 2.662 2.981	00000000000	1507.9 1505.8 1505.5 1505.5 1504.7 1503.5 1504.8 1507.9 1509.3	.0 1.8 6.9 15.5 27.5 42.7 61.2 83.0 107.9 136.0	.0 38.5 10.7 19.2 85.0 3.2 15.6 -8.1 21.3
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.2	15.483 15.000 12.359 11.616 11.250 10.509 10.046 9.656 9.388 9.301	15.468 14.983 12.344 11.600 11.233 10.491 10.028 9.637 9.368 9.280	33.599 33.507 33.129 33.138 33.122 33.126 33.164 33.261 33.376 33.518	24.790 24.826 25.072 25.218 25.272 25.406 25.514 25.654 25.789 25.913	25.230 25.311 25.607 25.800 25.900 26.081 26.236 26.422 26.603 26.773	24.787 24.822 25.069 25.215 25.269 25.403 25.511 25.785 25.910	317.9 314.7 291.0 277.1 272.2 259.4 249.2 236.0 223.4 211.7	3.300 3.616 3.918 4.201 4.477 4.740 4.997 5.237 5.466 5.684	00000000000	1508.8 1507.3 1498.3 1495.9 1494.8 1492.3 1490.8 1489.7 1489.0	167.2 201.7 239.2 279.6 322.8 368.7 417.1 468.0 521.2 576.7	8.8 93.9 116.6 42.0 186.3 18.4 261.1 78.3 72.4 114.8
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0	199.1 209.1 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.110 8.868 8.822 8.656 8.521 8.442 8.350 8.283 8.191 8.050	9.089 8.846 8.799 8.632 8.496 8.416 8.324 8.256 8.163 8.021	33.617 33.717 33.762 33.858 33.898 33.915 33.956 33.956 33.974 33.985 33.999	26.022 26.138 26.181 26.282 26.334 26.359 26.406 26.430 26.453 26.485	26.927 27.090 27.177 27.324 27.423 27.585 27.585 27.724 27.802	26.018 26.135 26.177 26.278 26.330 26.355 26.402 26.426 26.449 26.481	201.6 190.6 186.8 177.3 172.5 170.3 166.0 163.9 161.8 158.9	5.890 6.086 6.275 6.457 6.631 6.803 6.971 7.136 7.299 7.459	0000000000	1488.6 1488.0 1488.0 1487.7 1487.4 1487.3 1487.1 1487.1 1486.9 1486.5	634.2 693.8 755.2 818.5 883.5 950.2 1018.7 1088.7 1160.4 1233.7	74.4 68.5 64.1 44.8 49.5 166.1 4.3 44.4 23.1
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.922 7.703 7.495 7.369 7.215 7.064 6.934 6.763 6.671 6.564	7.892 7.672 7.464 7.337 7.183 7.032 6.901 6.729 6.636 6.529	33.999 33.996 33.996 33.996 33.998 34.000 34.009 34.010	26.504 26.534 26.563 26.581 26.603 26.626 26.645 26.645 26.688 26.703	27.867 27.945 28.020 28.085 28.153 28.222 28.288 28.365 28.425 28.486	26.499 26.530 26.559 26.577 26.598 26.621 26.640 26.683 26.698	157.2 154.3 151.6 150.0 148.0 145.9 144.1 140.1 138.8	7.617 7.773 7.926 8.077 8.226 8.373 8.518 8.560 8.801 8.941	00000000000	1486.2 1485.5 1484.9 1484.5 1484.1 1483.7 1483.3 1482.8 1482.6 1482.4	1308.6 1385.0 1463.0 1542.4 1623.4 1705.8 1789.6 1874.9 1961.5 2049.6	18.9 41.1 11.2 14.4 21.2 20.8 49.2 14.9 8.2 21.6
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.8 407.7 417.6 427.5 437.4 447.3 467.2 477.1 487.0	6.419 6.288 6.247 6.165 6.031 5.936 5.792 5.676 5.593 5.489	6.383 6.252 6.211 6.127 5.993 5.898 5.753 5.637 5.553 5.448	34.014 34.017 34.018 34.019 34.022 34.023 34.027 34.034 34.039 34.047	26.725 26.744 26.750 26.762 26.781 26.815 26.815 26.834 26.848 26.867	28.555 28.622 28.673 28.731 28.798 28.857 28.925 28.925 29.052 29.118	26.720 26.740 26.745 26.757 26.776 26.810 26.829 26.843 26.862	136.7 134.9 134.5 133.4 131.6 130.4 128.4 126.6 125.3 123.5	9.078 9.214 9.349 9.483 9.615 9.746 9.876 10.003 10.129 10.253		1482.0 1481.6 1481.5 1481.1 1480.9 1480.5 1480.2 1480.0 1479.7	2139.0 2229.8 2321.9 2415.3 2510.1 2606.2 2703.5 2802.1 2902.0 3003.1	10.8 19.2 6.1 21.3 1 12.5 31.8 12.1 16.2 35.5
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.6 546.5 556.4 576.3 586.2	5.389 5.299 5.223 5.130 5.068 5.037 4.963 4.917 4.844 4.792	5.348 5.258 5.181 5.087 5.025 4.993 4.919 4.872 4.798 4.746	34.057 34.071 34.077 34.091 34.103 34.115 34.123 34.123 34.139 34.154	26.888 26.909 26.923 26.945 26.965 26.983 26.995 27.034	29.185 29.253 29.314 29.383 29.442 29.560 29.619 29.686 29.751	26.883 26.904 26.918 26.952 26.960 26.978 26.990 27.010 27.029	121.6 119.6 118.4 116.3 115.2 114.5 112.8 111.7 109.8 108.1	10.376 10.496 10.615 10.732 10.848 10.963 11.076 11.189 11.300 11.408		1479.5 1479.3 1479.2 1479.0 1478.9 1478.8 1478.8 1478.8 1478.7	3105.4 3208.9 3313.6 3419.4 3526.4 3634.5 3743.8 3854.2 3965.7 4078.2	18.8 17.6 17.6 16.8 16.7 17.6 9.1 10.9 15.6
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0 690.0	596.1 606.0 615.9 625.8 635.8 645.7 655.5 665.5 675.4 685.3	4.778 4.709 4.672 4.635 4.609 4.598 4.562 4.512 4.472 4.473	4.731 4.661 4.623 4.587 4.559 4.548 4.511 4.461 4.420 4.390	34.158 34.172 34.183 34.194 34.205 34.207 34.217 34.222 34.237 34.252	27.038 27.057 27.070 27.083 27.095 27.097 27.109 27.119 27.135 27.150	29.801 29.867 29.926 29.985 30.043 30.092 30.150 30.206 30.269 30.330	27.033 27.052 27.065 27.077 27.089 27.092 27.104 27.113 27.130 27.145	107.8 106.0 104.9 103.7 102.7 102.5 101.4 100.6 99.0 97.7	11.517 11.623 11.729 11.833 11.936 12.039 12.141 12.242 12.342 12.440		1478.8 1478.7 1478.7 1478.8 1478.9 1478.9 1478.9 1478.9 1478.9	4191.8 4306.5 4422.2 4539.0 4656.8 4775.6 4895.4 5016.2 5138.0 5260.7	17.6 22.0 12.0 10.0 11.2 10.0 23.5 5.6 21.1
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.5 784.3	4.421 4.387 4.380 4.357 4.342 4.324 4.301 4.297 4.265 4.233	4.367 4.332 4.325 4.301 4.286 4.267 4.244 4.238 4.206 4.173	34.260 34.272 34.279 34.285 34.293 34.299 34.312 34.320 34.327 34.331	27.159 27.172 27.179 27.186 27.194 27.201 27.213 27.221 27.230 27.236	30.385 30.445 30.497 30.550 30.655 30.657 30.715 30.769 30.824 30.877	27.153 27.166 27.173 27.180 27.188 27.195 27.207 27.214 27.223 27.230	96.9 95.8 95.2 94.6 93.9 93.4 92.3 91.7 90.9	12.537 12.634 12.729 12.824 12.918 13.012 13.105 13.197 13.288 13.379		1479.1 1479.3 1479.3 1479.4 1479.5 1479.6 1479.8 1479.8	5384.4 5509.1 5634.7 5761.3 5888.8 6017.2 6146.5 6276.8 6407.9 6539.9	13.5 17.9 9.4 3.0 6.2 13.9 3.6 7.4 10.4
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.3 804.2 814.0 824.0 833.8 843.8 853.7 863.5 873.4 883.3	4.234 4.211 4.185 4.167 4.106 4.086 4.080 3.990 3.998 3.956	4.174 4.150 4.122 4.104 4.043 4.023 4.016 3.925 3.932 3.889	34.344 34.353 34.358 34.371 34.374 34.389 34.400 34.399 34.411	27.247 27.256 27.263 27.275 27.284 27.298 27.307 27.316 27.325 27.329	30.933 30.989 31.042 31.100 31.155 31.216 31.271 31.327 31.381 31.433	27.240 27.250 27.257 27.268 27.277 27.291 27.301 27.309 27.318 27.323	89.4 88.6 88.0 86.9 86.1 84.8 84.0 83.1 82.4	13.469 13.558 13.646 13.733 13.820 13.905 13.990 14.073 14.156 14.238	.0000000000	1480.0 1480.1 1480.2 1480.3 1480.3 1480.5 1480.5 1480.5	6672.8 6806.6 6941.3 7076.8 7213.2 7350.4 7488.5 7627.3 7767.0 7907.5	8.6 7.2 9.8 12.4 20.3 6.9 13.3 16.2 12.4
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 990.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	3.934 3.906 3.872 3.874 3.862 3.859 3.825 3.800 3.772 3.758	3.867 3.839 3.804 3.805 3.792 3.789 3.754 3.728 3.699 3.685	34.421 34.428 34.432 34.445 34.445 34.449 34.457 34.458 34.458	27.340 27.347 27.354 27.363 27.366 27.367 27.373 27.382 27.386 27.388	31.489 31.543 31.596 31.659 31.799 31.799 31.853 31.904 31.952	27.333 27.341 27.347 27.356 27.359 27.360 27.366 27.374 27.378 27.381	81.0 80.3 79.7 79.0 78.8 78.8 78.2 77.4 77.1 76.9	14.320 14.400 14.480 14.560 14.639 14.717 14.796 14.874 14.951 15.028	.00000000000000000000000000000000000000	1480.5 1480.6 1480.8 1480.9 1481.1 1481.2 1481.2 1481.3	8048.8 8190.9 8333.8 8477.5 8621.9 8767.1 8913.1 9059.9 9207.4 9355.6	8.9 3.1 13.9 13.1 6 11.3 13.1 1.4 3.7

Station	88	Latitude	32. 19.6	9'N	Longitu	de 127°	51.53'W	05	May 1991	GMT 23	:58	Bottom	3485 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn.Ht	LTR	sv	ŢF	N ²
ďb	m	•c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	J/kg	0/0	m/s	m^3/s^2	$10^{6}/s^{2}$
1000.0	992.2	3.729	3.655	34.462	27.393	32.004	27.386	76.4	15.105	.0	1481.4	9504.7	3.7
1020.0	1011.9	3.666	3.591	34.465	27.402	32.105	27.395	75.6	15.257	٠,٥	1481.4	9804.9	7.5
1040.0	1031.7	3.614	3.538	34.472	27.413	32.208	27.405	74.7	15.407 15.555	.0	1481.6 1481.7	10108.2 10414.3	11.3 8.4
1060.0 1080.0	1051.5 1071.3	3.560 3.514	3.483 3.436	34.478 34.487	27.423 27.435	32.312 32.415	27.416 27.427	73.7 72.7	15.702	.ŏ	1481.8	10723.3	4.6
1100.0	1091.0	3.463	3.383	34.489	27.441	32.514	27.434	72.1	15.847	.ŏ	1481.9	11035.2	3.5
1120.0	1110.8	3.426	3.345	34,495	27.450	32.615	27.442	71.4	15.991	.0	1482.1	11349.9	3.5
1140.0	1130.6	3.387	3.305	34.500	27.458	32.716	27.450	70.7	16.133	.0	1482.3 1482.5	11667.4 11987.7	5.2 2.3
1160.0	1150.3	3.345	3.262	34.508	27.468	32.818	27.460 27.466	69.8 69.3	16.273 16.412	.0	1482.7	12310.7	2:3
1180.0	1170.1	3.315	3.230	34.512	27.474	32.916							
1200.0	1189.9	3.290	3.204	34.515	27.479	33.013	27.471	68.9	16.550	.0	1482.9 1483.1	12636.4 12964.8	1.5 2.3
1220.0 1240.0	1209.6 1229.4	3.251 3.229	3.164 3.140	34.519 34.523	27.486 27.492	33.112 33.209	27.478 27.483	68.3 67.8	16.688 16.824	:0	1483.3	13295.8	2.4
1240.0	1249.1	3.202	3.112	34.525	27.497	33.209	27.488	67.5	16.959	.ŏ	1483.5	13629.5	3.3
1280.0	1268.9	3.150	3.059	34.532	27.506	33.408	27.498	66.5	17.093	.0	1483.6	13965.8	1.2
1300.0	1288.7	3.096	3.004	34.536	27.515	33.510	27.506	65.7	17.225	.0	1483.7	14304.8	10.9
1320.0	1308.4	3.066	2.972	34.538	27.519	33.606	27.511	65.3	17.356 17.487	.0	1484.0 1484.2	14646.3 14990.3	1.8 7.1
1340.0 1360.0	1328.1 1347.9	3.044 3.008	2.948 2.912	34.540 34.543	27.523 27.528	33.701 33.799	27.514 27.519	65.1 64.6	17.617	.ŏ	1484.4	15336.9	2.4
1380.0	1367.6	2.981	2.884	34.545	27.533	33.895	27.524	64.2	17.746	.ŏ	1484.6	15686.0	1.6
1400.0	1387.4	2.946	2.846	34.547	27.538	33.992	27.529	63.8	17.874	.0	1484.8	16037.6	3.9
1420.0	1407.1	2.908	2.808	34.549	27.542	34.089	27.533	63.4	18.001	.ŏ	1485.0	16391.7	3.6
1440.0	1426.8	2.852	2.750	34.552	27,550	34.190	27.541	62.6	18.127	.0	1485.0	16748.2	4
1460.0	1446.6	2.814	2.712	34.555	27.556	34.287	27.547	62.0	18.252	٠.	1485.2	17107.2	8.6
1480.0	1466.3	2.790	2.686	34.560	27.562	34.385	27.553	61.5	18.375	.0 .0	1485.5 1485.6	17468.6 17832.4	4.8 4
1500.0 1520.0	1486.1 1505.8	2.749 2.712	2.644 2.605	34.561 34.564	27.567 27.572	34.482 34.580	27.557 27.563	61.1 60.5	18.498 18.619	:ŏ	1485.8	18198.6	4.6
1540.0	1525.5	2.668	2.560	34.568	27.579	34.680	27.570	59.8	18.740	.ŏ	1485.9	18567.1	2.5
1560.0	1545.2	2,638	2.530	34.570	27.583	34.776	27.574	59.5	18.859	.0	1486.1	18937.9	.2
1580.0	1565.0	2.605	2.495	34.573	27.589	34.873	27.580	58.9	18.978	.0	1486.3	19311.1	4.6
1600.0	1584.7	2.575	2.464	34.576	27.594	34.970	27.584	58.5	19.095	.0	1486.5	19686.5	2.3
1620.0	1604.4	2.531	2.419	34.579	27.600	35.069	27.590	57.8	19.211	.0	1486.7	20064.2	2.3
1640.0	1624.1	2.509	2.395	34.581	27.603	35.164	27.594	57.6	19.327	.0	1486.9 1487.1	20444.2 20826.4	4.6 3
1660.0	1643.8	2.477	2.362 2.337	34.583 34.585	27.60B 27.612	35.261 35.356	27.599 27.602	57.1 56.8	19.441 19.555	.0	1487.4	21210.8	1.4
1680.0 1700.0	1663.6 1683.3	2.453 2.431	2.314	34.588	27.616	35.451	27.606	56.4	19.668	.0	1487.6	21597.4	-1.5
1720.0	1703.0	2.415	2.296	34.589	27.618	35.545	27.609	56.2	19.781	.0	1487.9	21986.2	3.5
1740.0	1722.7	2.388	2.267	34.592	27.623	35.641	27.613	55.8	19.893	.0	1488.1	22377.1 22770.3	2.1
1760.0	1742.4	2.377	2.255	34.592 34.594	27.624 27.628	35.733 35.828	27.614 27.618	55.8 55.4	20.004 20.116	.0	1488.4 1488.6	23165.5	.3 2.1
1780.0	1762.1	2.358	2.234	_									
1800.0	1781.8	2.341	2.216	34.595	27.630	35.921	27.619	55.3 54.9	20.226 20.337	.0	1488.9 1489.1	23563.0 23962.6	.6 2.7
1820.0 1840.0	1801.5 1821.2	2.319 2.290	2.193 2.163	34.598 34.600	27.634 27.638	36.017 36.112	27.624 27.628	54.5	20.337	.ŏ	1489.3	24364.3	2.i
1860.0	1840.9	2.280	2.151	34.601	27.640	36.205	27.629	54.4	20.555	.ŏ	1489.6	24768.1	8.6
1880.0	1860.6	2.262	2.131	34.603	27.643	36.300	27.633	54.1	20.664	.0	1489.9	25174.0	3.0
1900.0	1880.3	2.249	2.117	34.603	27.645	36.392	27.634	54.0	20.772	٠.٥	1490.2	25582.0	2.8
1920.0	1900.0	2.234	2.101 2.087	34.605	27.647	36.485 36.578	27.636 27.638	53.8 53.7	20.880 20.987	.0	1490.4 1490.7	25992.1 26404.3	2.5 -1.3
1940.0 1960.0	1919.7 1939.4	2.222 2.198	2.062	34.606 34.60B	27.649 27.653	36.673	27.642	53.3	21.094	.ŏ	1491.0	26818.6	1.1
1980.0	1959.1	2.161	2.023	34.612	27.659	36.771	27.648	52.7	21.200	.ŏ	1491.1	27234.9	.2
2000.0	1978.7	2.127	1.988	34.615	27.664	36.868	27.653	52.1	21.305	.0	1491.3	27653.2	1
2050.0	2027.9	2.067	1.925	34.621	27.674	37.106	27.663	51.2	21.564	.0	1491.9	28707.9	3.5
2096.0	2073.2	2.031	1.886	34.624	27.679	37.321	27.668	50.7	21.799	.0	1492.5	29689.2	.0

Station	89	Latitude	32° 23,	.61'N	Longit	ude 127°	49.49'W	0	5 May 1991	GMT	1:50	Bottom	1725 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-6 kg/m ³	9 Sigma−z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /k	Dyn.Ht g J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 59.8 69.7 79.7	16.000 15.119 15.064 15.027 15.038 15.018 14.562 14.952 14.916 14.657	16.000 15.118 15.061 15.023 15.010 14.553 14.942 14.904 14.643	33.117 33.114 33.115 33.151 33.351 33.248 33.371 33.377 33.318	24.300 24.494 24.506 24.516 24.684 24.718 24.729 24.743 24.753	24.300 24.538 24.594 24.648 24.717 24.905 24.983 25.038 25.036	24.300 24.494 24.506 24.515 24.539 24.683 24.716 24.727 24.740 24.750	361.4 343.3 342.4 341.8 339.7 326.3 323.4 322.6 321.7 320.9	.000 .356 .699 1.041 1.382 1.714 2.039 2.362 2.683 3.004	00000000000	1508.2 1505.6 1505.6 1505.9 1506.2 1504.8 1506.4 1506.4	1.8 7.1 15.7 27.8 43.2 61.9 83.8 109.0	81.8 12.4 8.3 159.4 71.6 22.0 26.5 4.6 11.3
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.2	14.711 14.471 13.853 13.168 11.300 10.509 9.898 9.622 9.546 9.504	14.696 14.455 13.836 13.151 11.283 10.491 9.880 9.603 9.526 9.483	33.360 33.325 33.255 33.193 33.078 33.213 33.313 33.422 33.550	24.774 24.798 24.873 24.964 25.229 25.376 25.777 25.701 25.799 25.906	25.216 25.285 25.405 25.542 25.857 26.051 26.300 26.469 26.612 26.764	24.771 24.795 24.870 24.961 25.226 25.373 25.574 25.698 25.993	319.2 317.2 310.2 301.7 276.3 262.3 243.2 231.6 222.5 212.5	3.325 3.643 3.958 4.265 4.552 4.821 5.075 5.312 5.536 5.753	.00000000000000000000000000000000000000	1506.1 1505.4 1503.5 1501.3 1494.9 1492.2 1490.3 1489.6 1489.8	168.8 203.5 241.3 282.3 326.2 372.8 422.1 473.7 527.7 583.8	16.3 29.7 119.8 128.4 76.2 66.7 156.2 174.9 9233.2
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.388 9.191 8.925 8.831 8.729 8.631 8.544 8.399 8.230	9.366 9.168 8.902 8.807 8.704 8.605 8.517 8.372 8.202 8.015	33.640 33.677 33.757 33.783 33.819 33.891 33.939 33.983 33.999	25.995 26.056 26.160 26.196 26.240 26.326 26.326 26.385 26.445 26.486	26.898 27.005 27.156 27.238 27.327 27.420 27.504 27.610 27.716 27.803	25.991 26.052 26.156 26.192 26.283 26.322 26.381 26.441 26.481	204.3 198.6 188.8 185.5 181.5 177.2 173.7 168.2 158.8	5.962 6.164 6.358 6.545 6.729 6.908 7.083 7.253 7.419 7.580	000000000000	1489.6 1489.1 1488.4 1488.2 1488.1 1487.9 1487.8 1487.5 1487.5	642.0 702.3 764.6 828.7 894.6 962.4 1031.9 1103.1 1176.0 1250.5	113.1 57.5 81.4 25.2 40.7 56.8 43.6 66.7 42.4 18.7
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.867 7.654 7.499 7.418 7.292 7.215 7.041 6.872 6.735	7.837 7.623 7.469 7.386 7.260 7.182 7.008 6.838 6.700 6.569	34.002 34.006 34.010 34.015 34.018 34.020 34.006 34.007 34.007	26.514 26.549 26.573 26.590 26.610 26.635 26.635 26.678 26.695	27.878 27.959 28.031 28.093 28.159 28.217 28.277 28.348 28.414 28.478	26.510 26.544 26.569 26.585 26.605 26.617 26.630 26.654 26.673 26.690	156.2 153.0 150.7 149.3 147.4 146.4 145.2 142.9 141.2 139.6	7.738 7.892 8.044 8.194 8.343 8.490 8.635 8.779 8.9062	.00000000000000000000000000000000000000	1486.0 1485.3 1484.9 1484.8 1484.4 1484.3 1483.8 1483.8 1482.9 1482.5	1326.6 1404.2 1483.3 1563.9 1646.0 1729.6 1814.6 1901.0 1988.9 2078.1	29.8 17.7 14.8 10.9 20.0 13.8 3.3 14.4 33.7 12.6
400.0 410.0 420.0 430.0 440.0 460.0 470.0 480.0 490.0	397.8 407.7 417.6 427.5 437.5 447.4 457.3 467.2 477.1 487.0	6.494 6.376 6.198 6.079 6.081 6.015 5.970 5.885 5.696 5.622	6.458 6.339 6.161 6.043 5.930 5.930 5.845 5.656 5.582	34.008 34.011 34.023 34.037 34.056 34.058 34.058 34.062 34.070 34.069	26.710 26.728 26.760 26.786 26.795 26.817 26.817 26.831 26.861 26.869	28.540 28.605 28.684 28.757 28.810 28.872 28.925 28.986 29.064 29.118	26.705 26.724 26.756 26.782 26.790 26.805 26.812 26.826 26.856 26.856	138.2 136.5 133.4 131.0 130.4 129.0 128.4 127.1 124.2 123.5	9.201 9.338 9.473 9.605 9.736 9.865 9.994 10.122 10.247	00000000000	1482.3 1482.0 1481.4 1481.3 1481.2 1481.2 1481.0 1480.5 1480.3	2168.8 2260.8 2354.1 2448.8 2544.7 2642.0 2740.5 2840.3 2941.3 3043.6	21.6 14.9 33.9 12.2 14.5 9.0 3.4 35.6 11.6
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	497.0 506.9 516.8 526.7 536.6 546.6 556.5 566.4 576.3	5.562 5.428 5.311 5.200 5.142 5.097 5.059 4.977 4.883 4.824	5.520 5.386 5.268 5.157 5.099 5.053 5.014 4.931 4.837 4.778	34.067 34.070 34.078 34.089 34.089 34.108 34.108 34.121 34.134 34.149	26.875 26.893 26.913 26.928 26.942 26.955 26.967 26.986 27.008 27.026	29.170 29.236 29.303 29.366 29.426 29.485 29.543 29.610 29.678 29.743	26.870 26.888 26.908 26.923 26.937 26.949 26.962 26.981 27.002 27.021	123.0 121.3 119.4 117.9 116.7 115.5 114.4 112.6 110.6 108.9	10.494 10.616 10.736 10.855 10.973 11.089 11.203 11.317 11.428 11.538	00000000000	1480.2 1479.8 1479.5 1479.2 1479.2 1479.2 1479.2 1479.1 1478.8	3147.0 3251.7 3357.6 3464.7 3572.9 3682.3 3792.8 3904.4 4017.2 4131.0	15.1 11.5 14.7 16.2 38.1 15.6 17.4 15.6
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 616.0 625.9 635.7 655.6 665.5 675.4	4.799 4.738 4.705 4.615 4.589 4.538 4.520 4.517 4.498	4.752 4.690 4.657 4.605 4.566 4.539 4.487 4.469 4.465 4.445	34.155 34.169 34.178 34.188 34.198 34.205 34.220 34.228 34.237 34.258	27.033 27.052 27.062 27.076 27.088 27.096 27.114 27.122 27.131 27.149	29.796 29.861 29.918 29.978 30.037 30.091 30.156 30.210 30.264 30.328	27.028 27.046 27.057 27.071 27.083 27.091 27.109 27.117 27.125 27.143	108.3 106.6 105.6 104.4 103.3 102.6 100.9 100.2 99.6 97.9	11.647 11.754 11.860 11.965 12.069 12.172 12.274 12.374 12.474 12.573	0000000000	1478.9 1478.8 1478.8 1478.8 1478.8 1478.9 1478.9 1478.9 1479.1	4245.9 4361.9 4478.9 4597.0 4716.1 4836.2 4957.3 5079.4 5202.5 5326.6	9.1 12.6 12.6 8.8 19.4 15.9 19.4 4.2 26.1
700.0 710.0 720.0 730.0 740.0 750.0 750.0 760.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 754.7 764.6 774.5	4.491 4.489 4.448 4.414 4.398 4.338 4.314 4.278 4.278	4.437 4.434 4.393 4.358 4.359 4.341 4.290 4.256 4.218 4.202	34.263 34.262 34.260 34.272 34.281 34.292 34.303 34.307 34.317 34.323	27.153 27.153 27.156 27.169 27.176 27.188 27.201 27.208 27.220 27.220	30.378 30.424 30.473 30.533 30.585 30.642 30.703 30.756 30.815 30.867	27.148 27.147 27.150 27.163 27.170 27.181 27.195 27.202 27.214 27.220	97.6 97.7 97.5 96.3 95.7 94.8 93.5 92.9 91.7 91.2	12.671 12.768 12.866 12.963 13.059 13.154 13.248 13.341 13.434 13.525	0000000000	1479.4 1479.5 1479.5 1479.5 1479.7 1479.8 1479.8 1479.8 1479.8	5451.7 5577.7 5704.6 5832.6 5961.4 6091.2 6222.0 6353.6 6486.2 6619.7	4.8 3.6 5.7 22.9 17.4 6.0 2 12.4 16.6
800.0 810.0 820.0 830.0 840.0 850.0 870.0 880.0	794.3 804.2 814.1 824.0 833.9 843.8 853.7 863.6 873.5 883.3	4.233 4.220 4.179 4.211 4.158 4.131 4.088 4.041 4.043 4.040	4.173 4.159 4.117 4.148 4.095 4.067 4.023 3.976 3.977 3.973	34.330 34.336 34.345 34.361 34.357 34.364 34.380 34.392 34.391 34.392	27.235 27.241 27.253 27.263 27.265 27.274 27.291 27.305 27.304 27.306	30.922 30.974 31.032 31.087 31.135 31.191 31.254 31.315 31.360 31.407	27.229 27.235 27.247 27.256 27.258 27.267 27.284 27.298 27.297 27.299	90.4 90.0 88.9 88.1 88.1 85.6 84.4 84.4	13.616 13.706 13.795 13.884 13.972 14.060 14.146 14.231 14.315 14.399	0000000000	1480.0 1480.1 1480.1 1480.5 1480.4 1480.5 1480.5 1480.5 1480.6 1480.8	6754.1 6889.3 7025.4 7162.5 7300.3 7439.1 7578.7 7719.1 7860.4 8002.4	21.5 6.3 5.1 7.8 3.4 8.6 22.7 -1.3 -2.2
900.0 910.0 920.0 940.0 950.0 960.0 960.0 980.0	893.3 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	3.989 3.981 3.958 3.958 3.951 3.916 3.853 3.814 3.788	3.922 3.913 3.903 3.888 3.881 3.799 3.781 3.741 3.714	34.403 34.406 34.409 34.412 34.415 34.426 34.436 34.436 34.439 34.436	27.320 27.323 27.326 27.330 27.333 27.346 27.358 27.362 27.372	31.468 31.516 31.565 31.616 31.664 31.724 31.782 31.833 31.889 31.941	27.313 27.315 27.319 27.323 27.326 27.339 27.351 27.355 27.364 27.370	83.0 82.8 82.6 82.2 82.0 80.9 79.7 79.4 78.5 78.0	14.483 14.566 14.649 14.732 14.814 14.895 14.976 15.055 15.134 15.212	0000000000	1480.7 1480.9 1481.0 1481.1 1481.3 1481.3 1481.4 1481.4	8145.4 8289.1 8433.6 8579.0 8725.1 8872.1 9019.9 9168.4 9317.7 9467.8	15.7 2.2 6.6 1.4 3.7 4 14.8 6.1 5.5 3.7

Station	89	Latitude	32° 23.0	61'N	Longitu	de 127°	49.49'W	05	May 1991	GMT	1:50	Bottom	1725 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn.Ht	LTR	sv	TF	N ²
ďb	m	•c	*c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg		0/0	m/s	m ³ /s ²	$10^6/s^2$
1000.0	992.2	3.774	3.700	34.451	27.380	31.990	27.373	77.8	15.290	.0	1481.6	9618.7	7
1020.0	1012.0	3.697	3.622	34.461	27.396	32.098	27.389	76.3	15.445	.o	1481.6	9922.6	5.5
1040.0	1031.7	3.648	3.572	34.468	27.406	32.201	27.398	75.4	15.596	.0	1481.7	10229.6	4
1060.0 1080.0	1051.5 1071.3	3.585 3.523	3.508 3.445	34.475 34.485	27.418	32.305	27.410	74.3 73.0	15.746 15.893	.0	1481.8 1481.9	10539.5 10852.3	7.0 4.6
1100.0	1091.1	3.478	3.399	34.491	27.432 27.441	32.412 32.514	27.424 27.434	72.1	16.038	:0	1482.0	11168.0	13.7
1120.0	1110.8	3.435	3.354	34.495	27.449	32.614	27,441	71.5	16.181	.ŏ		11486.4	10.2
1140.0	1130.6	3.389	3.306	34.503	27.460	32.717	27.452	70.5	16.323	.0	1482.3	11807.7	4.6
1160.0 1180.0	1150.4 1170.1	3.306 3.274	3.223	34.510 34.519	27.473	32.825	27.466	69.1	16.462	.0		12131.7 12458.4	9.0 5.5
			3.190		27.483	32.926	27.476	68.3	16.600	.0			
1200.0 1220.0	1189.9 1209.6	3.202 3.177	3.116 3.090	34.520 34.522	27.492	33.028	27.483	67.5	16.736 16.870	.0	1482.5 1482.7	12787.8 13119.8	6 1.7
1240.0	1229.4	3.152	3.064	34.522	27.495 27.500	33.124 33.220	27.487 27.492	67.2 66.8	17.004	.0		13454.4	3.5
1260.0	1249.2	3.107	3.017	34.529	27.508	33.320	27.500	66.1	17.137	.ŏ		13791.7	5.0
1280.0	1268.9	3.087	2.996	34.531	27.511	33.416	27.503	65.9	17.269	.0	1483.4	14131.5	7.6
1300.0	1288.7	3.065	2.973	34.534	27.515	33.512	27.507	65.5	17.400	.0	1483.6	14473.9	3.0
1320.0 1340.0	1308.4 1328.2	3.021 2.999	2.928 2.904	34.537 34.539	27.522 27.526	33.611 33.706	27.514 27.517	64.9 64.6	17.531 17.660	.0		14818.8 15166.3	.9 3.3
1360.0	1347.9	2.993	2.896	34.539	27.528	33.799	27.519	64.6	17.789	.0		15516.3	9.2
1380.0	1367.6	2.948	2.851	34.544	27.535	33.898	27.526	63.9	17.918	.ŏ		15868.8	.4
1400.0	1387.4	2.913	2.814	34.548	27.541	33.996	27.532	63.4	18.045	.0	1484.6	16223.8	3.0
1420.0	1407.1	2.862	2.762	34.553	27.550	34.098	27.541	62.5	18.171	.ŏ		16581.2	9.5
1440.0	1426.9	2.824	2.723	34.555	27.555	34.195	27.546	62.1	18.295	.0	1484.9	16941.1	.4
1460.0	1446.6	2.794	2.692	34.557	27.559	34.292	27.550	61.6	18.419	.0		17303.4	3.4
1480.0 1500.0	1466.3 1486.1	2.761 2.721	2.658 2.617	34.560 34.564	27.565 27.571	34.389 34.488	27.556 27.562	61.1 60.5	18.542 18.664	.0		17668.1 18035.2	2.5 1.6
1520.0	1505.8	2.709	2.603	34.564	27.572	34.580	27.563	60.5	18.785	.ŏ		18404.6	-: -: -:
1540.0	1525.5	2.678	2.570	34.567	27.578	34.678	27.569	60.0	18,905	.ŏ		18776.4	7
1560.0	1545.3	2.655	2.546	34.569	27.581	34.773	27.572	59.7	19.025	.0	1486.2	19150.5	3.7
1580.0	1565.0	2.624	2.514	34.571	27.586	34.870	27.577	59.3	19.144	.0		19526.9	2.3
1600.0	1584.7	2.598	2.486	34.574	27.591	34.966	27.581	58.9	19.262	.0	1486.6	19905.7	2.3
1620.0 1640.0	1604.4 1624.1	2.565 2.552	2.452 2.438	34.576 34.577	27.595 27.597	35.062 35.156	27.585 27.587	58.4 58.3	19.379 19.496	.0	1486.8 1487.1	20286.7 20670.0	.8 1.7
1660.0	1643.8	2.519	2.404	34.580	27.603	35.253	27.593	57.8	19.612	:0		21055.5	1.4
1680.0	1663.6	2.495	2.378	34.582	27.606	35.348	27.596	57.5	19.728	.ŏ		21443.3	2.0
1700.0	1683.3	2.463	2.345	34.585	27.611	35.445	27.601	57.0	19.842	.0	1487.7	21833.3	1.5
1720.0 1740.0	1703.0 1722.7	2.432 2.404	2.313 2.283	34.587 34.590	27.615 27.620	35.541	27.605 27.610	56.6	19.956 20.069	.0		22225.6 22620.0	.6 11.4
1760.0	1742.4	2.364	2.242	34.593	27.626	35.638 35.736	27.616	56.1 55.5	20.089	.0		23016.6	3.0
1780.0	1762.1	2.314	2.191	34.597	27.633	35.836	27.623	54.7	20.290	.ŏ	1488.4	23415.3	1.8
1800.0	1781.8	2.284	2.160	34.600	27.639	35.933	27,628	54.2	20.399	.0	1488.7	23816.2	5.3
1820.0	1801.5	2,262	2.137	34.602	27.642	36.027	27.632	53.9	20.507	.ŏ	1488.9	24219.1	. 9
1840.0	1821.2	2.242	2.115	34.603	27.645	36.121	27.634	53.7	20.615	.0	1489.1	24624.2	-,2
1860.0 1880.0	1840.9 1860.6	2.233 2.222	2.105 2.093	34.604 34.605	27.646 27.648	36.213 36.306	27.635 27.637	53.6 53.5	20.722 20.830	٥.	1489.4 1489.7	25031.3 25440.5	-2.0 1.6
1900.0	1880.3	2.217	2.086	34.606	27.649	36.398	27.639	53.5	20.830	.0	1490.0	25851.8	5.7
1920.0	1900.0	2.217 2.173	2.040	34.609	27.655	36.496	27.645	52.8	21.043	.0	1490.2	26265.1	2
1940.0	1919.7	2.166	2.032	34.610	27.657	36.588	27.646	52.7	21.148	.0	1490.5	26680.5	4.0
1960.0 1980.0	1939.4 1959.1	2.160 2.147	2.024 2.010	34.611 34.612	27.658 27.660	36.680 36.773	27.647 27.649	52.7 52.5	21.253 21.359	.0	1490.8 1491.1	27097.9 27517.3	1.6 1.4
1994.0	1972.8	2.140	2.001	34.613	27.661	36.838	27.650	52.4	21.432	:0		27812.1	1.3

Station	90	Latitude	32° 26.	44'N	Longitu	de 127°	48.01'W	05	May 1991	GMT	3:35	Bottom	535 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z			Dyn.Ht	LTR	sv	TF	N ²
db	m	.c	·c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	J/kg	0/0	m/s	m ³ /s ²	10 ⁶ /s ²
10.0	10.0	15.750	15.750	33.081	24.329	24.329	24.329	358.7	.000	.0		.0 1.8	.0
20.0	19.9	15.175 14.732	15.174 14.729	33.104 33.082	24.474 24.553	24.518 24.641	24.473 24.552	345.2 338.0	.357 .698	.0	1505.8 1504.5	7.0	326.9 30.5
30.0	29.9	14.679	14.675	33.099	24.577	24.710	24.576	335.9	1.034	.0	1504.5	15.7	27.9
40.0	39.9	14.316	14.310	33.087	24.645	24.822	24.644	329.7	1.368	.0	1503.5	27.6	137.6
50.0 60.0	49.8 59.8	14.153 14.181	14.146 14.173	33.114 33.159	24.701	24.922	24.699	324.7	1.694	.0	1503.2	42.9	31.6
70.0	69.7	14.224	14.214	33.139	24.730 24.743	24.995 25.053	24.728 24.741	322.2 321.2	2.017	.0	1503.5 1503.8	61.4 83.1	22.0
80.0	79.7	14.153	14.141	33.199	24.767	25.121	24.764	319.3	2.659	.0		108.0	15.5 15.5
90.0	89.7	14.093	14.080	33.204	24.783	25.182	24.781	317.9	2.977	.0	1503.7	136.0	27.0
100.0	99.6	14.158	14.144 13.784	33.259	24.813	25.255	24.810	315.5	3.294	.0	1504.2	167.3	29.3
110.0 120.0	109.6 119.5	13.799 13.175	13.784 13.159	33.244 33.284	24.876 25.033	25.363	24.872	309.7	3.607	.0		201.6	72.0
130.0	129.5	12.123	12.106	33.220	25.188	25.566 25.768	25.029 25.185	294.9 280.2	3.911 4.199	.0	1501.3 1497.8	239.1 279.4	148.1 263.2
140.0	139.4	11.612	11.595	33.204	25.270	25.897	25.267	272.4	4.473	.ŏ	1496.1	322.6	122.3
150.0	149.4	10.688	10.670	33.190	25.425	26.099	25.422	257.7	4.735	.0	1493.0	368.4	156.1
160.0 170.0	159.3 169.3	9.851 9.371	9.833 9.352	33.181	25.560	26.282	25.557	244.8	4.985	.0	1490.1	416.8	208.9
180.0	179.2	9.380	9.360	33.320 33.456	25.747 25.852	26.516 26.666	25.744 25.849	227.1 217.3	5.221 5.444	.0	1488.7 1489.0	467.5 520.6	189.2 112.2
190.0	189.2	9.388	9.367	33.573	25.942	26.801	25.939	209.0	5.657	:0	1489.4	575.8	73.3
200.0 210.0	199.1 209.0	9.347	9.325	33.651	26.010	26.914	26.007	202.8	5.862	.0	1489.5	633.0	27.6 116.3
220.0	219.0	9.217 9.249	9.194 9.225	33.758 33.798	26.115 26.142	27.064 27.136	26.111 26.138	193.0	6.061	.0	1489.3	692.3	116.3
230.0	228.9	9.191	9.166	33.861	26.200	27.240	26.136	190.7 185.4	6.253 6.442	.0	1489.7 1489.7	753.5 816.6	20.6 8.6
240.0	238.9	9.002	8.976	33.902	26.263	27.348	26.258	179.5	6.625	.ŏ	1489.2	881.5	128.0
250.0 260.0	248.8	8.839	8.812	33.920	26.302	27.434	26.298	175.9	6.802	.0	1488.8	948.2	43.4
270.0	258.7 268.7	8.615 8.501	8.588 8.473	33.910 33.961	26.329	27.507	26.325	173.4	6.977	.0	1488.1	1016.7	57.7
280.0	278.6	8.360	8.331	33.961	26.387 26.408	27.611 27.678	26.383 26.404	168.0 166.1	7.147 7.315	.0	1487.9 1487.5	1086.8 1158.7	9.7
290.0	288.5	8.198	8.168	33.995	26.460	27.776	26.455	161.4	7.478	.ŏ	1487.1	1232.1	67.9 36.3
300.0 310.0	298.5	8.158	8.128	33.998	26.468	27.830	26.463	160.7	7.639	.0	1487.1	1307.2	24.0
320.0	308.4 318.3	7.831 7.689	7.801 7.658	34.006 34.007	26.523 26.544	27.932	26.518	155.5	7.797	.0	1486.0	1383.9	30.0
330.0	328.3	7.507	7.476	34.008	26.571	28.000 28.074	26.540 26.566	153.6 151.1	7.952 8.104	.0	1485.6 1485.1	1462.1 1541.8	35.6 16.8
340.0	338.2	7.346	7.313	34.005	26.592	28,141	26.587	149.1	8.254	.0	1484.6	1623.0	14.4
350.0	348.1	7.269	7.236	34.012	26.608	28.203	26.603	147.7	8.403	.0	1484.5	1705.7	42.8
360.0 370.0	358.0 368.0	7.095 7.045	7.062 7.010	34.022 34.024	26.640 26.649	28.282 28.337	26.636 26.644	144.7	8.549	.0	1484.0	1789.8	8.6
380.0	377.9	6.887	6.852	34.018	26.666	28.401	26.661	144.0 142.4	8.693 8.836	.0	1484.0 1483.5	1875.4 1962.4	23.5 10.3
390.0	387.8	6.689	6.653	34.018	26.692	28.474	26.687	139.9	8.977	.ŏ	1482.9	2050.8	17.9
400.0 410.0	397.8 407.7	6.618 6.558	6.582 6.521	34.021 34.028	26.704 26.718	28.532 28.592	26.699 26.713	138.9	9.116	.0	1482.8	2140.6	9.9
420.0	417.6	6.542	6.504	34.028	26.720	28.640	26.715	137.7 137.6	9.255 9.393	.0	1482.7 1482.8	2231.8 2324.3	19.0 23.7
430.0	427.5	6.422	6.383	34.048	26.752	28.718	26.747	134.6	9.529	.ŏ	1482.5	2418.2	65.0
440.0 450.0	437.4 447.4	6.240 6.175	6.201 6.136	34.055	26.780	28.794	26.775	131.9	9.661	.0	1482.0	2513.4	22.8
460.0	457.3	5.929	5.889	34.056 34.067	26.789 26.830	28.850 28.938	26.784 26.825	131.1 127.2	9.793 9.922	.0	1481.9 1481.1	2609.9	8
470.0	467.2	5.778	5.738	34.071	26.851	29.007	26.846	125.1	10.048	.0	1480.6	2707.7 2806.8	63.1 44.7
480.0	477.1	5.516	5.476	34.084	26.894	29.098	26.889	120.9	10.171	.0	1479.7	2907.1	36.1
490.0 500.0	487.0	5.399	5.359	34.091	26.913	29.165	26.908	119.1	10.291	.0	1479.4	3008.6	24.4
510.0	497.0 506.9	5.352 5.326	5.311 5.284	34.096 34.099	26.922 26.928	29.221 29.272	26.917 26.923	118.3 117.8	10.410 10.528	.0	1479.4	3111.2	3.6
520.0	516.8	5.183	5.141	34.110	26.954	29.346	26.949	115.4	10.528	.0	1479.5 1479.1	3215.1 3320.1	8.3 25.5
526.0	522.8	5.163	5.121	34.110	26.956	29.375	26.951	115.2	10.714	.ŏ	1479.1	3383.6	23.0

Station	91	Latitude	32° 30.	65'N	Longitu	ide 127°	46.07'W	05	May 1991	GMT 4	1:36	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	$10^8 \text{m}^3/\text{kg}$	Dyn.Ht J/kg	LTR 0/0	sv m/s	m ³ /s ²	N ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.768 15.769 15.085 15.033 14.972 14.915 14.806 14.482 14.406	15.768 15.767 15.083 15.028 14.966 14.907 14.797 14.472 14.394 14.420	33.221 33.219 33.244 33.242 33.240 33.248 33.258 33.254 33.281 33.318	24.433 24.431 24.602 24.611 24.624 24.674 24.740 24.777 24.801	24.433 24.475 24.690 24.744 24.863 24.938 25.050 25.131 25.199	24.433 24.430 24.601 24.610 24.622 24.671 24.738 24.775 24.7798	348.8 349.3 333.3 332.7 331.8 330.3 327.6 321.6 318.3 316.4	.000 .349 .689 1.022 1.354 1.686 2.015 2.339 2.658 2.976	00000000000	1507.6 1507.8 1505.8 1505.8 1505.8 1505.6 1504.7 1504.7	.0 1.7 6.9 15.5 27.3 42.4 60.9 82.5 107.4 135.5	.0 10.8 10.7 11.9 4.5 29.7 76.0 27.6 8.0 18.5
100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.1	14.465 14.221 13.446 11.944 10.731 10.298 9.547 9.038 8.783 8.783	14.451 14.205 13.430 11.927 10.714 10.281 9.529 9.020 8.764 8.717	33.373 33.371 33.311 33.256 33.183 33.177 33.224 33.282 33.417 33.520	24.836 24.887 24.999 25.249 25.412 25.482 25.770 25.916 26.003	25.278 25.373 25.532 25.830 26.041 26.158 26.367 26.540 26.732 26.865	24.833 24.883 24.996 25.246 25.409 25.641 25.767 25.913 26.000	313.3 308.7 298.2 274.3 258.7 252.1 236.8 224.8 211.0 203.0	3.291 3.603 3.907 4.189 4.456 4.711 4.955 5.187 5.406 5.613	0000000000	1505.3 1504.7 1502.2 1497.2 1493.0 1491.6 1489.0 1487.4 1486.8 1486.9	166.7 201.0 238.4 278.7 321.7 367.3 415.4 465.9 518.5 573.3	29.7 140.0 510.9 216.9 152.6 162.1 99.9 111.5 150.7 107.4
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.6 278.6 288.5	8.665 8.578 8.564 8.540 8.500 8.421 8.384 8.468 8.308 8.272	8.644 8.556 8.541 8.517 8.475 8.395 8.358 8.440 8.279 8.243	33.636 33.713 33.785 33.862 33.913 33.975 34.059 34.059 34.080	26.106 26.180 26.238 26.343 26.410 26.433 26.469 26.489 26.515	27.013 27.132 27.236 27.346 27.437 27.544 27.612 27.693 27.759 27.831	26.103 26.176 26.235 26.299 26.345 26.406 26.429 26.465 26.485 26.510	193.4 186.6 181.2 175.3 171.1 165.5 163.5 160.3 158.5 156.2	5.810 5.999 6.183 6.361 6.534 6.702 6.867 7.029 7.188 7.346	0000000000	1486.9 1486.9 1487.1 1487.2 1487.3 1487.3 1487.3 1487.9 1487.4	630.1 688.8 749.3 811.7 875.7 941.5 1008.9 1077.9 1148.5 1220.7	57.6 81.1 54.1 41.5 38.0 12.8 48.3 44.8 17.2
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	8.183 8.026 7.916 7.853 7.677 7.524 7.464 7.335 7.251 7.062	8.153 7.995 7.884 7.820 7.644 7.429 7.429 7.229 7.214 7.025	34.088 34.091 34.088 34.085 34.080 34.088 34.090 34.089 34.090	26.535 26.561 26.576 26.584 26.607 26.625 26.641 26.660 26.672 26.698	27.897 27.969 28.030 28.084 28.154 28.218 28.280 28.346 28.403 28.477	26.531 26.556 26.572 26.580 26.603 26.621 26.636 26.655 26.667 26.693	154.4 152.1 150.7 150.1 147.9 146.3 144.9 143.2 142.2 139.7	7.501 7.654 7.806 7.956 8.105 8.252 8.398 8.542 8.685 8.826	0000000000	1487.3 1486.9 1486.6 1486.0 1485.6 1485.5 1485.2 1485.0 1484.4	1294.4 1369.7 1446.4 1524.7 1604.4 1685.6 1768.3 1852.4 1937.9 2024.8	24.0 38.9 22.8 16.0 12.8 15.1 11.6 10.4 6.9 34.1
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1 487.0	6.924 6.720 6.354 6.363 6.050 5.946 5.817 5.814 5.666 5.603	6.887 6.682 6.317 6.325 6.012 5.907 5.778 5.774 5.562	34.094 34.098 34.070 34.095 34.075 34.084 34.090 34.102 34.102 34.097	26.721 26.751 26.778 26.796 26.820 26.840 26.862 26.871 26.886 26.892	28.546 28.624 28.700 28.763 28.836 28.903 28.972 29.027 29.029 29.142	26.716 26.746 26.773 26.791 26.815 26.836 26.857 26.866 26.881 26.887	137.6 134.7 132.0 130.4 128.0 126.1 124.1 123.3 121.8 121.3	8.965 9.101 9.234 9.366 9.495 9.621 9.747 9.870 9.893 10.114	000000000000000000000000000000000000000	1484.1 1483.4 1482.1 1482.3 1481.2 1481.0 1480.6 1480.8 1480.4 1480.3	2113.1 2202.7 2293.7 2386.0 2479.6 2574.4 2670.5 2767.8 2866.3 2966.0	20.0 15.5 37.7 26.3 21.0 16.9 17.4 11.9 21.5 3.6
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	496.9 506.8 516.8 526.7 536.6 546.5 556.4 566.3 576.3	5.578 5.624 5.376 5.254 5.189 5.073 5.037 4.977 4.887 4.843	5.537 5.581 5.333 5.211 5.146 5.029 4.992 4.932 4.932 4.797	34.111 34.130 34.119 34.108 34.118 34.117 34.124 34.130 34.146 34.161	26.907 26.917 26.938 26.944 26.960 26.972 26.981 26.993 27.017 27.033	29.202 29.257 29.327 29.381 29.443 29.558 29.617 29.687 29.750	26.902 26.912 26.933 26.939 26.955 26.967 26.976 26.988 27.012 27.028	120.0 119.3 117.1 116.5 115.1 113.9 113.0 111.9 109.8 108.3	10.235 10.355 10.473 10.590 10.706 10.820 10.934 11.046 11.157 11.266	000000000000000000000000000000000000000	1480.4 1480.7 1479.9 1479.5 1479.4 1479.1 1479.1 1478.9 1478.9	3066.9 3169.0 3272.3 3376.8 3482.4 3589.1 3696.9 3805.9 3915.9 4027.1	10.1 12.8 24.4 16.2 17.9 7.4 16.2 30.2 23.5 13.2
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.7 645.6 665.5 675.4 685.3	4.793 4.752 4.715 4.668 4.635 4.602 4.601 4.582 4.543	4.746 4.704 4.666 4.620 4.585 4.552 4.550 4.531 4.493 4.490	34.171 34.181 34.188 34.195 34.201 34.210 34.223 34.223 34.255 34.263	27.047 27.060 27.069 27.080 27.089 27.110 27.128 27.141 27.148	29.810 29.869 29.925 29.982 30.037 30.094 30.150 30.214 30.274 30.326	27.042 27.054 27.064 27.074 27.083 27.094 27.104 27.122 27.135 27.142	107.0 105.9 105.0 104.0 103.3 102.4 101.4 99.8 98.6 98.1	11.373 11.480 11.585 11.690 11.793 11.998 12.099 12.198 12.296	0000000000	1478.9 1478.9 1478.9 1478.9 1478.9 1479.1 1479.1 1479.2	4139.3 4252.5 4366.8 4482.2 4598.5 4715.9 4834.3 4953.7 5074.0 5195.4	17.0 15.6 22.6 11.5 5.9 22.0 9.1 20.3 7.4 15.9
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.527 4.523 4.516 4.498 4.449 4.347 4.309 4.302 4.296 4.277	4.472 4.468 4.460 4.442 4.392 4.290 4.251 4.244 4.237 4.217	34.280 34.292 34.298 34.301 34.315 34.321 34.321 34.324 34.326 34.338	27.163 27.173 27.179 27.183 27.201 27.211 27.220 27.223 27.226 27.237	30.388 30.443 30.495 30.545 30.667 30.722 30.771 30.820 30.877	27.157 27.167 27.173 27.177 27.195 27.205 27.214 27.217 27.219 27.230	96.7 95.9 95.5 95.1 93.5 91.7 91.5 91.3 90.3	12.393 12.490 12.585 12.681 12.775 12.868 12.960 13.051 13.143 13.233	00000000000	1479.5 1479.7 1479.8 1479.9 1479.7 1479.7 1479.7 1479.8 1480.0 1480.1	5317.7 5440.9 5565.1 5690.2 5816.3 5943.3 6071.2 6200.0 6329.7 6460.2	6.2 3.9 2.5 15.1 8.6 10.3 2.7 3.6 7.1
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.267 4.239 4.189 4.190 4.160 4.155 4.135 4.074 4.027 4.022	4.206 4.177 4.127 4.127 4.096 4.091 4.070 4.008 3.961 3.956	34.343 34.345 34.356 34.362 34.372 34.374 34.381 34.387 34.394 34.395	27.242 27.247 27.261 27.265 27.277 27.279 27.287 27.298 27.308 27.309	30.927 30.979 31.039 31.090 31.148 31.195 31.249 31.307 31.364 31.411	27.235 27.240 27.254 27.259 27.270 27.272 27.280 27.291 27.301 27.302	89.9 89.5 88.2 87.9 86.8 86.7 86.1 85.0 84.0	13.324 13.413 13.502 13.590 13.677 13.764 13.851 13.936 14.021 14.105	0000000000	1480.2 1480.2 1480.4 1480.4 1480.6 1480.6 1480.6 1480.6	6591.7 6724.1 6857.3 6991.4 7126.4 7262.2 7398.9 7536.4 7674.7 7813.9	.1 21.2 7.7 3.1 4.5 2.8 6.6 13.6 3.7
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.024 4.006 3.999 3.978 3.955 3.934 3.904 3.887 3.866 3.835	3.957 3.938 3.930 3.908 3.885 3.863 3.815 3.793 3.761	34.398 34.404 34.417 34.419 34.422 34.422 34.425 34.425 34.425	27.312 27.319 27.330 27.334 27.338 27.341 27.346 27.348 27.350 27.356	31.459 31.512 31.569 31.669 31.718 31.769 31.818 31.866 31.919	27.305 27.312 27.322 27.326 27.331 27.333 27.338 27.349 27.349	83.8 63.2 82.3 82.0 81.6 81.4 80.9 80.8 80.6	14.189 14.272 14.355 14.437 14.519 14.600 14.681 14.762 14.843 14.923	000000000000000000000000000000000000000	1480.9 1481.0 1481.1 1481.2 1481.3 1481.4 1481.4 1481.5 1481.6	7953.9 8094.7 8236.3 8378.8 8522.0 8666.1 8810.9 8956.5 9102.9	7.2 7.2 4.6 3.7 2.0 3.1 5.8 1

Station	91	Latitude	32° 30.	65'N	Longitu	de 127°	46.07'W	05	May 1991	GMT	4:36	Bottom	1850 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn. Ht	LTR	sv	TF	N ²
đb	m	*c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg		0/0		m^{3}/s^2	10 ⁶ /s ²
1000.0	992.1	3.835	3.760	34.429	27.357	31.965	27.349	•					
1020.0	1011.9	3.780	3.704	34.440	27.371	32.071		80.1	15.003	.0	1481.8	9398.2	1.1
1040.0	1031.7	3,734	3.657	34.446	27.381	32.173	27.363	78.8	15.163	.0		9696.5	10.2
1060.0	1051.5	3.701	3.623	34.453	27.389	32.274	27.373	78.0	15.320	.0	1482.0	9998.0	3.8
1080.0	1071.3	3.619	3.539	34.465	27.407	32.385	27.381 27.399	77.3	15.475	.0	1482.2	10302.5	1.4
1100.0	1091.0	3.592	3.512	34.467	27.412	32.482		75.6	15.628	.0	1482.2	10610.0	8.5
1120.0	1110.8	3.531	3.449	34.478	27.426		27.404	75.2	15.778	-0		10920.5	.8
1140.0	1130.6	3.480	3.397	34.485	27.437	32.589	27.418	73.9	15.927	.0	1482.5	11233.9	6.7
1160.0	1150.3	3.450	3.365	34.487	27.441	32.692	27.428	72.9	16.074	.0	1482.7	11550.2	1.2
1180.0	1170.1	3.394	3.308	34.496	27.454	32.788	27.433	72.5	16.220	.0		11869.3	4.1
						32.894	27.446	71.4	16.364	.0	1483.0	12191.3	9.4
1200.0 1220.0	1189.8 1209.6	3.334 3.295	3.247	34.503	27.465	32.998	27.457	70.3	16.506	.0	1483.1	12516.1	9.7
1240.0	1229.4	3.249	3.207	34.508	27.473	33.097	27.465	69.6	16.645	.0		12843.6	4.1
1260.0	1249.1	3.203	3.160	34.514	27.482	33.199	27.474	68.8	16.784	.0	1483.4	13173.8	6.8
1280.0	1268.9	3.203	3.113	34.519	27.491	33.300	27.483	68.0	16.920	.0	1483.5	13506.8	4.4
1300.0	1288.6		3.081	34.522	27.496	33.398	27.488	67.5	17.056	.0	1483.7	13842.3	6.2
1320.0		3.156	3.063	34.523	27.499	33.492	27.490	67.4	17.191	.0	1484.0	14180.6	3.0
1340.0	1308.4 1328.1	3.119	3.024	34.527	27.505	33.590	27.497	66.8	17.324	.0	1484,2	14521.4	2.1
1360.0		3.091	2.995	34.531	27.511	33.688	27.502	66.3	17.458	.0	1484.4	14864.8	4.2
1380.0	1347.9	3.053	2.957	34.535	27.518	33.787	27.509	65.7	17.590	.0	1484.6	15210.8	5.7
	1367.6	3.029	2.931	34.535	27.521	33.882	27.512	65.5	17.721	.0	1484.8	15559.4	i
1400.0	1387.3	2.970	2.870	34.543	27.532	33.986	27.523	64.4	17.851	.0	1484.9	15910.5	6.0
1420.0	1407.1	2.939	2.839	34.544	27.536	34.082	27.527	64.1	17.979	.ŏ	1485.1	16264.2	3.6
1440.0	1426.8	2.901	2.799	34.548	27.542	34,180	27.533	63.5	18.106	.ŏ	1485.2	16620.3	
1460.0	1446.6	2.884	2.781	34.549	27.545	34,274	27.536	63.3	18.233	:ŏ	1485.5	16978.9	-1.3 2.2
1480.0	1466.3	2.872	2.767	34.551	27.548	34.368	27.538	63.2	18.360	.ŏ	1485.8	17340.0	.8
1500.0	1486.0	2.840	2.734	34.554	27.553	34.465	27.543	62.7	18.486	.0	1486.0	17703.5	4.9
1520.0	1505.8	2.807	2.700	34.557	27.558	34.562	27.549	62.2	18.611	.ŏ	1486.2	18069.5	
1540.0	1525.5	2.775	2.666	34.559	27.563	34.659	27.554	61.7	18.735	.ŏ	1486.4		5.2
1560.0	1545.2	2.753	2.642	34.561	27.567	34.755	27.557	61.4	18.858		1486.6	18437.8 18808.6	3.4
1580.0	1564.9	2.732	2.620	34.563	27.570	34.849	27.561	61.2	18.980	.ŏ	1486.9		2.0
1600.0	1584.7	2.717										19181.8	1.7
1620.0	1604.4	2.687	2.604	34.564	27.573	34.943	27.563	61.0	19.103	.0	1487.1	19557.3	1.4
1640.0	1624.1	2.665	2.572	34.568	27.578	35.040	27.568	60.5	19,224	.0	1487.3	19935.3	6.7
1660.0	1643.8		2.549	34.569	27.581	35.134	27.571	60.3	19.345	.0	1487.6	20315.5	1.7
1680.0	1663.5	2.644	2.527	34.570	27.584	35.229	27.574	60.0	19.465	.0	1487.8	20698.1	9
1700.0	1683.3	2.624	2.506	34.572	27.587	35.323	27.577	59.8	19.584	.0	1488.1	21083.0	5.0
1720.0	1703.0	2.582	2.463	34.576	27.594	35.423	27.584	59.1	19.703	.0	1488.2	21470.3	2.1
1740.0	1722.7	2.564	2.443	34.578	27.597	35.517	27.587	58.9	19.821	.0	1488.5	21859.8	-4.1
1760.0	1742.4	2.557 2.518	2.434	34.578	27.598	35.609	27.588	58.8	19.938	.0	1488.8	22251.6	. 9
1780.0	1762.1	2.476	2.395	34.582	27.605	35.707	27.594	58.2	20.056	.0	1489.0	22645.7	3.3
1796.0	1777.8	2.445	2.351 2.319	34.585	27.611	35.805	27.600	57.5	20.172	.0	1489.1	23042.1	15.0
,,,,,	_,,,,,	2.773	£ , 319	34.588	27.616	35.884	27.605	57.1	20.263	.0	1489.3	23360.8	.0

Station	92	Latitude	32° 33.	62'N	Longit	ide 127°	44.63'W	05	May 1991	GMT 6	5:13	Bottom	3360 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma -0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ^{TF}	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.838 15.783 15.138 15.077 15.049 14.936 14.910 14.491 14.405 14.422	15.838 15.781 15.135 15.072 15.043 14.929 14.901 14.481 14.393 14.409	33.254 33.260 33.247 33.250 33.253 33.270 33.268 33.255 33.297 33.326	24.442 24.459 24.592 24.608 24.617 24.654 24.659 24.739 24.789 24.809	24.442 24.503 24.681 24.741 24.794 24.875 24.924 25.143 25.206	24.442 24.459 24.592 24.607 24.616 24.653 24.657 24.737 24.787 24.806	347.9 346.6 334.2 333.0 332.4 329.2 329.0 321.7 317.2 315.6	.000 .348 .684 1.017 1.350 1.681 2.010 2.336 2.655 2.971	0000000000	1507.9 1507.9 1506.0 1506.0 1506.0 1506.0 1504.8 1504.7 1504.9	.0 1.7 6.9 15.4 27.1 42.2 60.6 82.3 107.1 135.2	.0 332.6 18.6 2.2 17.7 51.1 57.0 58.9 19.7
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.1	14.323 13.266 12.420 11.584 10.727 10.090 9.340 9.231 9.223 8.986	14.309 13.251 12.405 11.568 10.711 10.073 9.323 9.212 9.203 8.966	33.352 33.290 33.273 33.285 33.373 33.341 33.304 33.344 33.429 33.546	24.850 25.019 25.172 25.338 25.560 25.645 25.739 25.788 25.856 25.985	25.292 25.508 25.707 25.920 26.189 26.321 26.463 26.558 26.671 26.846	24.847 25.016 25.169 25.335 25.557 25.642 25.737 25.785 25.853 25.982	312.0 295.9 281.5 265.7 244.7 236.6 227.6 223.1 216.9 204.8	3.286 3.589 3.879 4.156 4.411 4.651 4.884 5.108 5.327 5.539	0000000000	1504.8 1501.4 1498.7 1496.0 1493.2 1491.0 1488.4 1488.2 1488.4 1487.9	166.3 200.5 237.7 277.7 320.4 365.4 412.8 462.5 514.4 568.4	167.0 94.8 164.3 254.3 209.7 104.4 150.0 82.6 62.1 181.8
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.8 248.8 258.7 268.6 278.6 288.5	8.830 8.796 8.627 8.664 8.497 8.411 8.3085 7.941 7.833	8.808 8.774 8.604 8.640 8.472 8.385 8.281 8.058 7.913 7.804	33.637 33.726 33.822 33.940 33.960 33.977 33.984 33.989 33.987	26.081 26.156 26.258 26.344 26.386 26.413 26.471 26.471 26.491 26.511	26.987 27.108 27.256 27.387 27.475 27.547 27.614 27.698 27.764 27.830	26.078 26.153 26.254 26.341 26.383 26.409 26.430 26.467 26.487 26.507	195.8 188.9 179.4 171.4 167.5 163.3 159.8 158.1 156.2	5.738 5.931 6.115 6.291 6.460 6.625 6.790 6.951 7.109 7.267	0000000000	1487.6 1487.7 1487.4 1487.8 1487.4 1487.2 1487.0 1486.3 1485.9 1485.7	624.5 682.5 742.4 804.0 867.4 932.4 999.0 1067.2 1137.1 1208.5	41.0 88.4 67.9 95.5 35.7 6.4 57.0 43.0 3.4 9.2
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.4 308.4 318.3 328.2 338.2 348.1 358.0 367.9 377.9 387.8	7.740 7.566 7.514 7.463 7.445 7.404 7.427 7.334 7.292 7.099	7.710 7.536 7.483 7.411 7.412 7.370 7.392 7.298 7.256 7.063	33.999 34.001 34.004 34.018 34.058 34.081 34.087 34.098 34.106	26.530 26.558 26.567 26.585 26.611 26.626 26.640 26.658 26.673 26.706	27.895 27.969 28.024 28.088 28.159 28.219 28.279 28.343 28.404 28.484	26.526 26.553 26.562 26.581 26.606 26.621 26.635 26.653 26.668 26.701	154.6 152.1 151.3 149.7 147.5 146.2 145.0 143.4 142.1 139.0	7.423 7.576 7.727 7.878 8.026 8.173 8.319 8.463 8.606 8.746	00000000000	1485.5 1485.0 1485.0 1484.9 1485.1 1485.4 1485.2 1485.2	1281.4 1355.9 1431.9 1509.4 1588.3 1668.7 1750.6 1833.9 1918.6 2004.7	30.6 34.1 11.5 28.2 16.8 23.3 17.4 6.9 34.1 25.9
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1 487.0	6.917 6.808 6.616 6.519 6.406 6.264 6.167 6.009 5.933	6.880 6.771 6.578 6.480 6.366 6.224 6.127 5.968 5.892 5.892	34.110 34.106 34.110 34.118 34.127 34.134 34.140 34.132 34.135 34.147	26.735 26.746 26.775 26.794 26.816 26.840 26.857 26.871 26.883 26.892	28.560 28.618 28.694 28.760 28.828 28.899 28.963 29.024 29.082 29.138	26.729 26.741 26.770 26.789 26.811 26.835 26.852 26.865 26.878 26.887	136.3 135.2 132.5 130.7 128.7 126.4 124.9 123.6 122.5 121.7	8.884 9.019 9.153 9.285 9.415 9.542 9.668 9.792 9.915	00000000000	1484.1 1483.8 1483.2 1483.0 1482.7 1482.3 1482.1 1481.6 1481.5 1481.7	2092.2 2181.1 2271.2 2362.7 2455.5 2549.5 2644.8 2741.3 2839.1 2938.0	35.8 18.5 29.3 15.5 21.7 16.9 22.5 14.0 17.8 30.7
500.0 510.0 520.0 530.0 540.0 550.0 570.0 580.0 590.0	496.9 506.9 516.8 526.7 536.6 546.5 556.4 566.3 576.3 586.2	5.749 5.683 5.555 5.494 5.345 5.318 5.211 5.101 5.075 5.092	5.707 5.640 5.512 5.450 5.301 5.273 5.165 5.055 5.028 5.044	34.148 34.159 34.168 34.170 34.177 34.180 34.176 34.188 34.201	26.916 26.929 26.949 26.963 26.982 26.991 27.006 27.016 27.028 27.037	29.209 29.268 29.336 29.396 29.463 29.518 29.580 29.637 29.695 29.750	26.911 26.923 26.944 26.958 26.977 26.986 27.001 27.010 27.023 27.031	119.4 118.3 116.3 115.0 113.2 112.4 110.9 110.0 109.0 108.3	10.157 10.276 10.393 10.509 10.624 10.736 10.848 10.958 11.068 11.176	0000000000	1481.1 1481.0 1480.7 1480.6 1480.1 1480.2 1479.9 1479.6 1479.7 1480.0	3038.2 3139.5 3242.0 3345.7 3450.4 3556.3 3663.3 3771.4 3880.6 3990.9	16.9 3.1 12.7 29.4 28.2 23.6 5.7 6.5 8.0 17.7
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0 690.0	596.1 606.0 615.9 625.8 635.7 645.6 655.5 665.5 675.4 685.3	4.987 4.919 4.840 4.648 4.619 4.592 4.557 4.532 4.525 4.528	4.939 4.871 4.792 4.599 4.569 4.542 4.506 4.481 4.472 4.475	34.203 34.205 34.214 34.204 34.218 34.230 34.231 34.234 34.254 34.266	27.050 27.060 27.076 27.090 27.097 27.107 27.120 27.132 27.143 27.152	29.810 29.866 29.929 29.992 30.046 30.102 30.162 30.219 30.276 30.330	27.045 27.054 27.070 27.084 27.092 27.102 27.115 27.126 27.137 27.146	107.0 106.1 104.6 103.1 102.4 101.6 100.4 99.4 98.4 97.7	11.284 11.390 11.496 11.599 11.702 11.804 11.905 12.005 12.104 12.202	0000000000	1479.7 1479.6 1479.4 1478.8 1478.8 1478.9 1478.9 1479.0 1479.2	4102.2 4214.6 4328.0 4442.4 4557.9 4674.3 4791.8 4910.3 5029.7 5150.1	8.9 3.0 5.1 10.0 5.9 11.5 12.9 9.1 14.7 6.8
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.509 4.492 4.482 4.445 4.389 4.359 4.345 4.341 4.319 4.284	4.455 4.437 4.427 4.389 4.332 4.302 4.287 4.282 4.260 4.224	34.277 34.282 34.288 34.301 34.303 34.307 34.313 34.317 34.328	27.163 27.169 27.175 27.190 27.195 27.200 27.205 27.210 27.216 27.228	30.388 30.440 30.491 30.552 30.605 30.706 30.758 30.809 30.868	27.157 27.163 27.169 27.184 27.189 27.194 27.199 27.204 27.210 27.222	96.7 96.2 95.8 94.4 93.9 93.5 93.1 92.7 92.2 91.2	12.299 12.395 12.491 12.587 12.681 12.775 12.868 12.961 13.054 13.145	00000000000	1479.5 1479.6 1479.7 1479.7 1479.7 1479.8 1479.8 1480.0 1480.0	5271.5 5393.8 5517.0 5641.2 5766.4 5892.4 6019.4 6147.3 6276.1 6405.8	20.9 1.8 8.6 3.3 14.4 10.1 9.8 7.7 13.3
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.266 4.259 4.292 4.222 4.187 4.158 4.143 4.094 4.072 4.060	4.206 4.198 4.229 4.159 4.124 4.094 4.078 4.028 4.006 3.993	34.338 34.360 34.363 34.370 34.374 34.378 34.387 34.394 34.398	27.238 27.243 27.253 27.263 27.273 27.278 27.283 27.295 27.303 27.308	30.924 30.975 31.029 31.087 31.142 31.195 31.246 31.304 31.358 31.409	27.232 27.236 27.246 27.257 27.266 27.272 27.277 27.289 27.296 27.301	90.3 89.9 89.1 88.1 87.3 86.4 85.3 84.5	13.236 13.326 13.415 13.504 13.592 13.679 13.765 13.851 13.936 14.021		1480.2 1480.3 1480.6 1480.5 1480.5 1480.7 1480.7 1480.8 1480.9	6536.4 6667.9 6800.3 6933.5 7067.6 7202.6 7338.4 7475.1 7612.6 7750.9	298.6 6.6 4.5 75.4 99
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.3 982.2	4.037 4.032 4.028 4.020 3.970 3.938 3.928 3.913 3.842 3.821	3.969 3.964 3.959 3.950 3.899 3.867 3.856 3.841 3.769 3.748	34.404 34.405 34.413 34.425 34.424 34.423 34.427 34.433 34.436	27.315 27.317 27.323 27.328 27.339 27.342 27.342 27.347 27.358 27.363	31.462 31.510 31.562 31.612 31.670 31.719 31.765 31.816 31.875 31.926	27.308 27.310 27.316 27.321 27.332 27.334 27.335 27.339 27.356	83.0 82.6 81.5 81.3 81.3 81.0 79.8	14.104 14.188 14.271 14.354 14.436 14.517 14.599 14.680 14.760 14.840	0000000000	1480.9 1481.1 1481.3 1481.4 1481.4 1481.5 1481.6 1481.5	7890.1 8030.1 8170.9 8312.5 8454.9 8598.1 8742.1 8887.0 9032.6 9179.0	7.5 5.2 6.3 7.5 2.5 2.8 7.5 4.9 3.1 22.5

Station	92	Latitude	32° 33.	62'N	Longitu	de 127°	44.63'W	05	May 1991	GMT	6:13	Bottom	3360 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn. Ht	LTR		m ³ /s ²	N ² 10 ⁶ /s ²
1000.0 1020.0 1040.0	992.1 1011.9	3.798 3.788	3.724 3.712	34.441 34.446	27.370 27.375	31.978 32.075	27.362 27.367	78.8 78.5	14.919 15.076	0/0 .0 .0	1481.6 1481.9	9326.1 9622.8	10°/s² 4.3 8.4
1060.0	1031.7 1051.5 1071.2	3.762 3.709 3.614	3.685 3.631 3.535	34.451 34.459 34.465	27.382 27.394 27.407	32.174 32.278 32.385	27.374 27.386 27.399	78.0 76.9 75.6	15.233 15.387 15.540	.0	1482.3 1482.2	9922.5 10225.3 10531.1	.8 2.3 6.7
1100.0 1120.0 1140.0	1091.0 1110.8 1130.5	3.567 3.538 3.489	3.487 3.456 3.406	34.475 34.479 34.480	27.420 27.426 27.432	32.491 32.589 32.687	27.413 27.419 27.424	74.3 73.9 73.4	15.690 15.839 15.986	.0 .0	1482.6	10839.8 11151.5 11466.0	3.2 7.3 1.7
1160.0 1180.0	1150.3	3.474 3.398	3.389	34.483 34.493	27.436 27.452	32.782 32.891	27.428 27.444	73.1 71.6	16.132 16.277	.0	1483.0 1483.0	11783.4 12103.7	4.7 9.7
1200.0 1220.0 1240.0	1189.8 1209.6 1229.3	3.360 3.323 3.268	3.274 3.234 3.178	34.498 34.504 34.510	27.459 27.467 27.478	32.991 33.091 33.194	27.451 27.459 27.469	71.0 70.2 69.3	16.419 16.560 16.700	.0 .0	1483.3	12426.8 12752.6 13081.2	7.0 .6 1.8
1260.0 1280.0 1300.0	1249.1 1268.9 1288.6	3.237 3.200 3.171	3.147 3.108 3.078	34.513 34.518 34.522	27.483 27.490 27.496	33.291 33.391 33.488	27.475 27.482 27.487	68.8 68.2 67.7	16.838 16.975 17.111	.0	1483.7 1483.8	13412.4 13746.4 14083.0	3.8 .9 1.2
1320.0 1340.0 1360.0	1308.4 1328.1 1347.8	3.128 3.086 3.060	3.034 2.991 2.963	34.528 34.530 34.532	27.505 27.511 27.514	33.590 33.688 33.783	27.496 27.502 27.506	66.9 66.3 66.1	17.246 17.379 17.511	.0	1484.2 1484.4	14422.3 14764.2 15108.6	3.6 1.3
1380.0 1400.0 1420.0	1367.6	3.030 3.002 2.975	2.932	34.536 34.540	27.521 27.527	33.882 33.979	27.512 27.517	65.5 65.0	17.643 17.773	.o .o	1484.8 1485.0	15455.7 15805.3	6.3 7.2
1440.0 1460.0	1407.1 1426.8 1446.6	2.938 2.882	2.874 2.836 2.779	34.542 34.545 34.549	27.531 27.537 27.545	34.075 34.173 34.274	27.522 27.528 27.536	64.6 64.1 63.3	17.903 18.032 18.159	•••	1485.2 1485.4 1485.5	16157.4 16512.0 16869.2	5.7 8.9 6.3
1480.0 1500.0 1520.0	1466.3 1486.0 1505.8	2.857 2.837 2.806	2.752 2.731 2.698	34.552 34.553 34.555	27.550 27.553 27.557	34.371 34.465 34.561	27.540 27.543 27.548	62.9 62.7 62.3	18.285 18.411 18.536	.0	1485.7 1486.0 1486.2	17228.8 17590.8 17955.3	3.4 1.9 2.8
1540.0 1560.0 1580.0	1525.5 1545.2 1564.9	2.769 2.725 2.699	2.661 2.616 2.588	34.559 34.564 34.565	27.564 27.571 27.575	34.660 34.760 34.855	27.554 27.562 27.565	61.7 60.9 60.6	18.660 18.782 18.904	.0 .0 .0	1486.4 1486.5 1486.7	18322.2 18691.5 19063.2	4.0 8.7 2.9
1600.0 1620.0 1640.0	1584.7 1604.4 1624.1	2.658 2.613 2.600	2.546 2.500 2.485	34.570 34.573 34.574	27.582 27.588 27.590	34.955 35.054 35.146	27.573 27.579 27.580	59.9 59.3 59.2	19.024 19.143 19.262	.0	1486.9 1487.0 1487.3	19437.2 19813.5 20192.2	5.8 3 9.0
1660.0 1680.0 1700.0	1643.8 1663.5 1683.2	2.555 2.513 2.492	2.439 2.396 2.373	34.577 34.580 34.582	27.597 27.603 27.606	35.245 35.344 35.439	27.587 27.593 27.596	58.5 57.9 57.6	19.379 19.496 19.611	.0	1487.5 1487.6 1487.9	20573.1 20956.3 21341.8	2.6 4.7 1.5
1720.0 1740.0 1760.0	1702.9 1722.7 1742.4	2.460 2.435 2.403	2.340 2.314 2.281	34.583 34.585 34.589	27.610 27.614 27.620	35.534 35.630 35.728	27.600 27.604 27.610	57.2 56.8 56.3	19.726 19.840 19.953	.0	1488.1 1488.3 1488.5	21729.5 22119.4 22511.5	2.9 2.9
1780.0 1800.0	1762.1	2.367 2.333	2.243	34.593 34.593	27.626 27.629	35.825 35.921	27.615 27.619	55.7 55.3	20.065	.0	1488.7 1488.9	22905.7	1.2 6.2
1820.0 1840.0 1860.0	1801.5 1821.2 1840.9	2.302 2.278 2.259	2.176 2.151 2.131	34.597 34.599 34.601	27.635 27.639 27.642	36.019 36.114 36.208	27.625 27.628 27.632	54.7 54.4 54.1	20.286 20.395 20.504	.0 .0	1489.1 1489.3 1489.6	23700.8 24101.5 24504.3	7.4 2.4 5.1
1880.0 1900.0 1920.0	1860.6 1880.3 1899.9	2.233 2.212 2.193	2.103 2.080 2.060	34.604 34.607 34.608	27.646 27.650 27.653	36.304 36.399 36.493	27.636 27.639 27.642	53.7 53.3 53.1	20.612 20.719 20.825	.0 .0	1489.8 1490.0 1490.3	24909.2 25316.1 25725.2	2.4 3.9 2.2
1940.0 1960.0 1980.0	1919.6 1939.3 1959.0	2.173 2.157 2.131	2.039 2.021 1.994	34.610 34.611 34.613	27.656 27.658 27.663	36.588 36.681 36.776	27.646 27.647 27.652	52.8 52.6 52.2	20.931 21.037 21.142	.0	1490.5 1490.8 1491.0	26136.3 26549.4 26964.6	3.1 7 3.1
2000.0 2050.0 2098.0	1978.7 2027.9 2075.1	2.111 2.076 2.026	1.973 1.934 1.881	34.615 34.619 34.624	27.665 27.672 27.680	36.870 37.104 37.330	27.654 27.660 27.668	52.0 51.4 50.7	21.246 21.504 21.749	.0	1491.3 1492.0 1492.6	27381.8 28433.4 29454.7	2.2 1.7 .0

Station		Latitude	32* 40.	30'N	Longitu	ide 127°	41.23'W	06	May 1991	GMT 8	:22	Bottom	
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	kg/m ³	10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.8 49.8 59.8 69.7 79.7	15.517 15.187 15.066 14.873 14.754 14.559 14.372 14.326 14.361 13.568	15.517 15.186 15.063 14.868 14.748 14.552 14.363 14.316 14.350 13.556	33.170 33.157 33.166 33.170 33.190 33.181 33.196 33.231 33.100	24.449 24.512 24.551 24.587 24.617 24.674 24.707 24.728 24.748 24.811	24.449 24.556 24.639 24.720 24.794 24.972 25.038 25.102 25.210	24.449 24.512 24.550 24.586 24.615 24.672 24.705 24.726 24.746 24.808	347.2 341.6 338.2 335.0 332.4 327.3 324.4 322.7 321.1 315.2	.000 .347 .686 1.022 1.356 1.687 2.012 2.336 2.658 2.975	00000000000	1506.8 1505.7 1505.2 1505.2 1504.0 1504.1 1504.1 1504.5	.0 1.7 6.9 15.4 27.2 42.4 60.8 82.5 107.3	233.5 26.8 55.5 47.5 90.8 9.4 37.5 76.2 105.0
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.1	12.408 11.494 11.331 10.695 10.403 9.812 9.932 9.408 9.368 9.392	12.395 11.480 11.316 10.679 10.387 9.795 9.913 9.389 9.349 9.371	32.989 32.975 33.035 33.059 33.217 33.271 33.404 33.438 33.574 33.698	24.954 25.113 25.190 25.321 25.495 25.636 25.721 25.834 25.946 26.040	25.400 25.606 25.728 25.906 26.125 26.314 26.442 26.602 26.760 26.898	24.951 25.110 25.187 25.319 25.492 25.634 25.718 25.831 25.943 26.037	301.7 286.6 279.5 267.1 250.7 237.3 229.6 218.9 208.5 199.8	3.282 3.575 3.858 4.132 4.391 4.634 4.867 5.092 5.304 5.508	0000000000	1498.0 1494.9 1494.6 1492.5 1491.8 1489.9 1490.7 1489.0 1489.2 1489.6	166.5 200.7 237.7 277.5 319.9 364.8 412.0 461.5 513.2 567.0	132.1 30.6 89.4 175.7 129.4 35.0 36.5 131.0 145.6 121.6
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.8 248.8 258.7 268.6 278.6 288.5	9.311 9.236 9.120 8.964 8.842 8.703 8.600 8.470 8.349 8.237	9.289 9.213 9.096 8.939 8.816 8.676 8.573 8.442 8.321 8.207	33.802 33.845 33.894 33.948 33.977 34.010 34.036 34.062 34.076 34.081	26.134 26.180 26.237 26.304 26.347 26.394 26.430 26.471 26.500 26.522	27.038 27.129 27.232 27.345 27.433 27.527 27.608 27.695 27.770 27.837	26.131 26.176 26.234 26.300 26.343 26.390 26.426 26.466 26.496 26.517	191.0 186.8 181.6 175.4 171.5 167.1 163.8 160.1 157.5 155.6	5.704 5.892 6.075 6.254 6.428 6.764 6.764 6.925 7.084 7.240	0000000000	1489.6 1489.3 1488.9 1488.7 1488.4 1488.2 1487.9 1487.6 1487.4	622.7 680.3 739.8 801.1 864.1 928.8 995.2 1063.2 1132.7 1203.9	75.4 64.8 49.0 51.9 74.7 256.5 29.3 14.3 34.8
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.4 308.4 318.3 328.2 338.1 348.1 358.0 367.9 377.9 387.8	8.027 7.912 7.787 7.556 7.423 7.242 7.099 6.993 6.789	7.997 7.881 7.755 7.524 7.390 7.209 7.065 6.958 6.898 6.753	34.086 34.089 34.091 34.076 34.085 34.081 34.084 34.092 34.091	26.557 26.576 26.596 26.618 26.664 26.664 26.703 26.718 26.736	27.920 27.984 28.051 28.120 28.192 28.259 28.328 28.391 28.452 28.517	26.553 26.571 26.591 26.613 26.639 26.660 26.681 26.698 26.713 26.732	152.2 150.6 148.8 146.7 144.3 142.4 140.4 138.8 137.6 135.8	7.394 7.546 7.695 7.843 7.989 8.132 8.273 8.413 8.551 8.688	00000000000	1486.7 1486.4 1486.1 1485.0 1484.5 1484.5 1483.8 1483.8	1276.6 1350.7 1426.4 1503.6 1582.2 1662.2 1743.6 1826.4 1910.6	29.2 27.4 9.3 21.2 36.1 13.6 34.9 18.8 20.3
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0 490.0	397.7 407.6 417.6 427.5 437.4 447.3 457.2 467.2 477.1 487.0	6.724 6.693 6.630 6.497 6.336 6.054 5.908 6.029 5.706	6.688 6.655 6.592 6.458 6.297 6.015 5.869 5.983 5.988	34.096 34.099 34.101 34.093 34.071 34.076 34.099 34.116 34.083	26.749 26.756 26.766 26.784 26.799 26.817 26.840 26.843 26.855 26.870	28.576 28.629 28.685 28.750 28.812 28.879 28.948 28.997 29.054 29.118	26.744 26.751 26.761 26.779 26.794 26.812 26.834 26.838 26.850 26.865	134.7 134.2 133.4 131.7 130.3 128.4 126.2 126.1 125.1 123.5	8.823 8.958 9.092 9.224 9.355 9.484 9.612 9.738 9.864 9.988	00000000000	1483.3 1483.3 1483.3 1482.9 1482.4 1481.4 1481.6 1481.6 1481.9 1480.7	2083.1 2171.3 2260.8 2351.7 2443.9 2537.4 2632.1 2728.1 2825.3 2923.8	9.4 1.8 17.9 17.3 20.5 30.4 10.7 9.6 4.9
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	496.9 506.8 516.8 526.7 536.5 556.4 566.3 576.3	5.779 5.809 5.714 5.555 5.672 5.673 5.653 5.653 5.492 5.492	5.736 5.766 5.669 5.511 5.627 5.626 5.605 5.517 5.444 5.376	34.107 34.135 34.138 34.127 34.153 34.160 34.166 34.175 34.188 34.194	26.880 26.899 26.913 26.923 26.930 26.935 26.942 26.960 26.979 26.993	29.173 29.237 29.298 29.355 29.406 29.457 29.510 29.575 29.640 29.701	26.875 26.893 26.908 26.918 26.924 26.937 26.937 26.955 26.973 26.987	122.8 121.2 119.9 118.9 118.5 118.5 117.6 115.9 114.1 112.9	10.111 10.234 10.354 10.473 10.592 10.710 10.828 10.945 11.060 11.173	0000000000	1481.2 1481.5 1481.3 1480.8 1481.4 1481.6 1481.7 1481.5 1481.4 1481.3	3023.4 3124.3 3226.4 3329.7 3434.1 3539.8 3646.5 3863.6 3973.8	5.2 20.7 10.7 10.4 17.5 7.8 11.9 25.1 14.6 11.6
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0 690.0	596.1 606.0 615.9 625.8 635.7 645.6 655.5 665.5 675.4 685.3	5.337 5.174 5.135 5.138 4.961 4.957 4.832 4.918 4.793 4.830	5.287 5.124 5.085 5.087 4.910 4.905 4.780 4.864 4.739 4.775	34.201 34.189 34.201 34.224 34.220 34.230 34.230 34.262 34.258 34.267	27.008 27.018 27.032 27.050 27.067 27.083 27.090 27.105 27.117 27.120	29.763 29.821 29.881 29.945 30.010 30.072 30.126 30.186 30.245 30.293	27.002 27.013 27.026 27.044 27.062 27.077 27.084 27.099 27.111 27.114	111.4 110.4 109.2 107.5 105.8 104.4 103.7 102.5 101.4 101.2	11.285 11.396 11.506 11.614 11.721 11.826 11.930 12.033 12.135 12.236	0000000000	1481.1 1480.6 1480.6 1480.8 1480.3 1480.4 1480.6 1480.6 1480.6	4085.1 4197.5 4311.0 4425.5 4541.2 4657.8 4775.6 4894.3 5014.0 5134.7	11.9 8.4 21.2 20.7 16.8 30.9 22.7 23.3 8.3 11.3
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.8 744.7 754.6 764.5 774.4 784.3	4.914 4.893 4.861 4.785 4.726 4.682 4.653 4.621 4.581 4.504	4.858 4.836 4.804 4.727 4.668 4.622 4.593 4.560 4.520 4.443	34.298 34.302 34.308 34.316 34.319 34.325 34.334 34.337 34.345	27.135 27.141 27.149 27.164 27.173 27.183 27.193 27.199 27.210 27.219	30.353 30.404 30.459 30.520 30.576 30.632 30.689 30.741 30.798 30.854	27.129 27.134 27.138 27.158 27.167 27.177 27.187 27.193 27.203 27.212	100.0 99.6 98.8 97.5 96.6 95.7 94.8 94.3 93.3	12.337 12.437 12.536 12.634 12.731 12.827 12.922 13.017 13.111 13.204	00000000000	1481.2 1481.3 1481.1 1481.1 1481.1 1481.1 1481.2 1481.2	5256.5 5379.2 55027.5 5753.1 5879.7 6007.2 6135.6 6265.0 6395.3	7.8 4.9 6.3 8.1 6.0 10.1 6.3 7.5 10.1 19.2
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.460 4.470 4.376 4.310 4.221 4.191 4.168 4.138 4.101 4.084	4.398 4.407 4.313 4.246 4.157 4.127 4.103 4.073 4.035 4.017	34.355 34.370 34.376 34.374 34.369 34.375 34.379 34.379 34.391 34.395 34.403	27.231 27.242 27.257 27.262 27.268 27.276 27.282 27.294 27.302 27.309	30.913 30.969 31.031 31.084 31.137 31.243 31.302 31.356 31.409	27.225 27.235 27.250 27.256 27.261 27.269 27.275 27.288 27.295 27.302	91.3 90.4 88.9 88.4 87.8 87.1 86.6 85.4 84.8	13.295 13.386 13.476 13.565 13.653 13.740 13.827 13.913 13.998 14.083	0000000000	1481.0 1481.2 1481.0 1480.9 1480.7 1480.8 1480.9 1480.9	6526.5 6658.6 6791.5 6925.4 7060.1 7195.7 7332.1 7469.4 7607.5 7746.4	15.4 13.1 9.3 .2 13.3 5.4 10.7 7.8 7.5
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.3 982.2	4.054 4.043 4.018 4.002 3.974 3.943 3.889 3.866 3.871	3.986 3.974 3.949 3.933 3.904 3.872 3.817 3.794 3.797	34.408 34.412 34.422 34.424 34.426 34.428 34.431 34.435 34.435	27.316 27.321 27.328 27.333 27.337 27.343 27.350 27.355 27.358 27.363	31.463 31.513 31.566 31.618 31.668 31.720 31.774 31.825 31.873 31.924	27.310 27.314 27.321 27.326 27.330 27.335 27.343 27.343 27.343 27.355	83.5 83.1 82.5 82.0 81.7 81.2 80.5 80.1 79.5	14.167 14.250 14.333 14.415 14.497 14.578 14.659 14.740 14.819 14.899	0000000000	1481.0 1481.1 1481.2 1481.3 1481.4 1481.4 1481.4 1481.7	7886.2 8026.8 8168.2 8310.4 8453.5 8597.3 8741.9 8887.3 9033.5 9180.5	8.4 4.0 9.6 3.4 1.7 4.0 9.6 6.1 2.9

Station	93	Latitude	32' 40.	30'N	Longitu	de 127°	41.23'W	06	May 1991	GMT	8:22	Bottom	4380 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t		Dyn.Ht	LTR	. sv	TF	N ²
db	m	•c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	J/kg	0/0	m/s	m ³ /s ²	10 ⁶ /s ²
1000.0 1020.0	992.1 1011.9	3.797	3.723	34.439	27.368	31.977	27.361	78.9	14.979	.0		9328.2	11.3
1040.0	1031.7	3.770 3.730	3.694 3.654	34.445 34.454	27.376 27.387	32.076 32.180	27.368 27.379	78.3 77.4	15.136 15.292	٠.		9626.1 9926.9	1.4 3.8
1060.0	1051.4	3.675	3.597	34.461	27.398	32.283	27.390	76.4	15.292	.0		10230.9	1.1
1080.0	1071.2	3.642	3.563	34.468	27.407	32.384	27.399	75.6	15.597	.0	1482.3	10537.8	4.7
1100.0 1120.0	1091.0 1110.8	3.604 3.560	3.523 3.478	34.473 34.479	27.415	32.484	27.407	75.0	15.748	.0	1482.5	10847.7	5.8
1140.0	1130.5	3.491	3.408	34.487	27.424 27.437	32.586 32.692	27.416 27.429	74.2 72.9	15.897 16.044	.0		11160.5 11476.2	13.2 4.4
1160.0	1150.3	3.447	3.363	34.492	27.446	32.793	27.438	72.1	16.189	.ŏ		11794.7	7.0
1180.0	1170.1	3.403	3.318	34.499	27.455	32.895	27.447	71.3	16.333	.0		12116.1	3.5
1200.0 1220.0	1189.8	3.358	3.271	34.505	27.465	32.996	27.456	70.4	16.475	.0		12440.3	6.5
1240.0	1209.6 1229.3	3.319 3.283	3.231 3.194	34.507 34.511	27.470 27.476	33.094 33.192	27.462 27.468	70.0	16.615 16.754	.0		12767.2	3.0
1260.0	1249.1	3.251	3.161	34.514	27.483	33.291	27.474	69.4 68.9	16.893	.0		13096.8 13429.2	5.0 7.7
1280.0	1268.8	3.211	3.119	34.520	27.491	33.391	27.482	68.2	17.030	.ŏ		13764.2	5.0
1300.0 1320.0	1288.6	3.177	3.084	34.522	27.496	33.488	27.487	67.7	17.166	.0	1484.1	14102.0	3.3
1340.0	1308.3 1328.1	3.146 3.102	3.051 3.006	34.527 34.530	27.503 27.510	33.587 33.686	27.494 27.501	67.2 66.5	17.301 17.435	.0		14442.3 14785.3	6.5
1360.0	1347.8	3.064	2.967	34.534	27.516	33.785	27.507	65.9	17.567	.ŏ		15130.8	9.2 3.6
1380.0	1367.6	3.022	2.924	34.536	27.522	33.883	27.513	65.4	17.698	.ŏ		15479.0	3.3
1400.0 1420.0	1387.3 1407.1	2.978 2.942	2.878 2.842	34.539 34.541	27.528 27.533	33.982	27.519	64.8	17.828	.0		15829.7	2.8
1440.0	1426.8	2.907	2.805	34.546	27.533	34.078 34.178	27.524 27.531	64.3 63.7	17.958 18.086	.0		16182.9 16538.6	2.5 4.5
1460.0	1446.6	2.859	2.756	34.548	27.546	34.276	27.537	63.1	18.212	.ŏ		16896.8	5.1
1480.0 1500.0	1466.3	2.819	2.715	34.550	27.551	34.374	27.542	62.6	18.338	.0	1485.6	17257.4	3.4
1520.0	1486.0 1505.7	2.798 2.761	2.692 2.654	34.552 34.556	27.555 27.561	34.469 34.568	27.545	62.3	18.463	.0		17620.5	1.9
1540.0	1525.5	2.730	2.622	34.560	27.568	34.666	27.552 27.558	61.7 61.1	18.587 18.710	.0		17986.0 18353.9	4.6 6.3
1560.0	1545.2	2.707	2.598	34.563	27.572	34.762	27.563	60.8	18.832	.ŏ	1486.4	18724.1	5.2
1580.0	1564.9	2.666	2.555	34.566	27.578	34.860	27.568	60.2	18.953	.0	1486.6	19096.8	3.1
1600.0 1620.0	1584.6 1604.4	2.636 2.610	2.524 2.497	34.569	27.583	34.957	27.573	59.7	19.073	.0		19471.7	2.9
1640.0	1624.1	2.582	2.467	34.571 34.573	27.587 27.591	35.053 35.148	27.577 27.581	59.4 59.0	19.192 19.310	.0		19849.0 20228.6	4.3 3.8
1660.0	1643.8	2.549	2.433	34.575	27.596	35.245	27.586	58.5	19.428	.0		20610.5	2.3
1680.0	1663.5	2.518	2.401	34.578	27.601	35.342	27.591	58.1	19.544	.ŏ	1487.6	20994.7	5.0
1700.0 1720.0	1683.2 1702.9	2.476 2.439	2.358 2.320	34.580 34.582	27.606	35.439	27.596	57.5	19.660	.0		21381.1	6.7
1740.0	1722.6	2.414	2.293	34.583	27.611 27.614	35.536 35.631	27.601 27.604	57.0 56.7	19.774 19.888	.0	1488.0 1488.2	21769.7	3.2
1760.0	1742.3	2.386	2.264	34.587	27.620	35.728	27.610	56.2	20.001	.ŏ	1488.4	22160.6 22553.6	3.8 .3
1780.0	1762.1	2.356	2.233	34.592	27.626	35.826	27.616	55.6	20.113	.0		22948.8	. 9
1800.0 1820.0	1781.8 1801.5	2.336 2.307	2.212 2.181	34.593 34.595	27.629 27.633	35.920	27.618	55.4	20.224	.0	1488.9	23346.2	3.3 2.7
1840.0	1821.2	2.288	2.160	34.596	27.635	36.016 36.110	27.623 27.625	55.0 54.7	20.334	.0	1489.1 1489.3	23745.7 24147.3	2.7 1.8
1860.0	1840.8	2.262	2.134	34.598	27.639	36.205	27.628	54.4	20.553	.ŏ	1489.6	24551.1	3.6
1880.0 1900.0	1860.6	2.236	2.106	34.601	27.644	36.301	27.633	53.9	20.661	.0	1489.8	24957.0	2.2
1920.0	1880.2 1899.9	2.214 2.195	2.083 2.062	34.604 34.605	27.648 27.650	36.397 36.491	27.637 27.640	53.6 53.3	20.769 20.876	-0	1490.0 1490.3	25364.9	1.0
1940.0	1919.6	2.175	2.041	34.608	27.654	36.586	27.644	53.0	20.982	.0	1490.5	25774.9 26187.0	1.6 2.8
1960.0	1939.3	2.149	2.014	34.609	27.657	36.680	27.646	52.7	21.087	.0	1490.8	26601.1	1
1980.0	1959.0	2.138	2,001	34.611	27.660	36.773	27.649	52.5	21.193	.0	1491.0	27017.3	2.2
2000.0 2050.0	1978.7 2027.9	2.117 2.075	1.979 1.933	34.613 34.619	27.663 27.672	36.868 37.103	27.652 27.660	52.2	21.297	.0	1491.3	27435.5	2.2
2098.0	2075.1	2.018	1.873	34.623	27.680	37.330	27.668	51.4 50.6	21.556 21.801	.0 .0	1492.0 1492.5	28489.8 29513.5	.8 .0

Station		Latitude	32. 54	. 49'N	Longit	ude 127°	34.30'W	. 06	May 1991	GMT 11	1:17	Bottom	
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-(kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /k	Dyn.Ht g J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.9 19.9 29.9 39.8 49.8 59.8 79.7	15.775 15.391 15.159 15.060 14.658 14.685 15.178 15.235 15.285 15.298	15.775 15.390 15.156 15.055 14.652 14.678 15.169 15.225 15.273 15.284	33.327 33.380 33.350 33.328 33.302 33.543 33.543 33.582 33.632	24.513 24.639 24.667 24.738 24.776 24.813 24.831 24.831	24.513 24.683 24.756 24.915 24.997 25.077 25.139 25.211 25.270	24.513 24.639 24.667 24.671 24.737 24.775 24.811 24.829 24.856 24.871	341.2 329.4 327.1 326.9 320.9 317.6 314.4 313.0 310.7 309.5	.000 .340 .667 .994 1.319 1.638 1.953 2.267 2.879	00000000000	1507.8 1506.8 1506.2 1506.0 1504.9 1505.2 1507.1 1507.5 1507.9	.0 1.7 6.7 15.0 26.5 41.2 59.1 80.1 104.3	276.3 8.4 11.0 27.9 71.6 8.7 14.0 21.9
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.1	15.352 14.617 13.644 12.342 11.791 11.189 10.656 10.232 9.828 9.221	15.337 14.601 13.627 12.325 11.773 11.170 10.637 10.212 9.808 9.200	33.689 33.596 33.590 33.437 33.505 33.551 33.551 33.572 33.572	24.888 24.976 25.175 25.314 25.471 25.582 25.810 25.869 25.970	25.329 25.462 25.707 25.894 26.097 26.254 26.431 26.576 26.681 26.830	24.885 24.973 25.172 25.311 25.468 25.579 25.709 25.807 25.866 25.967	308.5 300.3 281.5 268.2 253.4 243.0 230.7 221.4 210.9	3.198 3.504 3.797 4.072 4.332 4.580 4.817 5.043 5.261 5.472	00000000000	1508.5 1506.2 1503.2 1498.8 1497.1 1495.2 1493.5 1492.2 1490.9 1488.8	161.8 195.2 231.5 270.7 312.5 356.8 403.6 452.6 503.9 557.2	12.3 143.1 214.1 190.7 104.2 123.1 87.6 73.5 78.9 138.9
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 218.9 228.9 238.8 248.8 258.7 268.6 278.6 288.5	9.055 8.872 8.885 8.6694 8.659 8.604 8.632 8.444 8.376	9.033 8.850 8.861 8.670 8.634 8.578 8.605 8.416 8.347 8.265	33.679 33.737 33.862 33.888 33.940 33.973 34.031 34.034 34.047 34.059	26.079 26.153 26.250 26.300 26.346 26.422 26.453 26.473 26.496	26.984 27.105 27.246 27.342 27.433 27.513 27.600 27.677 27.743 27.811	26.075 26.150 26.246 26.296 26.342 26.376 26.417 26.449 26.469	196.2 189.2 180.3 175.7 171.5 168.4 164.7 161.8 160.0 158.0	5.672 5.864 6.049 6.227 6.400 6.570 6.736 6.899 7.060 7.219	0000000000	1488.5 1488.0 1488.4 1487.9 1488.0 1488.3 1487.3 1487.7 1487.5	612.6 669.9 729.2 790.1 852.9 917.3 983.4 1051.1 1120.5	57.1 62.7 29.3 24.6 37.5 43.0 43.1 26.3 22.8
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.4 308.4 318.3 328.2 338.1 348.1 358.0 367.9 377.9 387.8	8.330 8.237 8.106 7.903 7.794 7.466 7.398 7.172 7.251	8.299 8.205 8.073 7.870 7.761 7.432 7.364 7.137 7.214 7.121	34.082 34.085 34.089 34.086 34.059 34.070 34.050 34.077 34.094	26.509 26.525 26.548 26.575 26.595 26.636 26.636 26.663 26.689	27.869 27.932 28.000 28.074 28.140 28.211 28.275 28.339 28.394 28.466	26.504 26.521 26.543 26.570 26.590 26.612 26.631 26.647 26.657 26.684	157.0 155.6 153.5 151.0 149.2 147.0 145.4 143.8 143.1	7.377 7.533 7.687 7.840 7.990 8.138 8.284 8.429 8.572 8.714	0000000000	1487.9 1487.7 1487.3 1486.7 1486.5 1485.2 1485.2 1484.5 1484.5	1263.8 1337.9 1413.5 1490.5 1569.1 1649.2 1730.7 1813.7 1898.0 1983.8	26.6 15.5 20.4 51.5 15.4 22.4 13.9 26.5
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.6 417.5 427.5 437.4 447.3 457.2 467.2 477.1 487.0	7.042 6.976 6.872 6.767 6.621 6.540 6.428 6.333 6.240 6.143	7.004 6.937 6.833 6.727 6.581 6.499 6.387 6.292 6.197 6.100	34.100 34.109 34.111 34.111 34.111 34.111 34.116 34.121 34.117 34.132	26.709 26.726 26.741 26.756 26.776 26.805 26.805 26.830 26.855	28.533 28.596 28.657 28.719 28.786 28.842 28.908 28.970 29.026 29.097	26.704 26.721 26.736 26.750 26.771 26.781 26.800 26.815 26.824 26.849	138.8 137.3 135.9 134.6 132.7 131.8 130.1 128.6 127.8 125.5	8.854 8.992 9.129 9.264 9.398 9.530 9.661 9.790 9.918 10.045		1484.5 1484.2 1484.0 1483.6 1483.4 1483.1 1482.9 1482.7 1482.5	2071.0 2159.6 2249.5 2340.8 2433.3 2527.2 2622.4 2718.9 2816.7 2915.7	14.4 16.8 20.6 1.2 24.9 3.5 30.2 130.2
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	496.9 506.8 516.8 526.7 536.6 546.5 556.4 566.3 576.3	6.054 6.000 5.905 5.800 5.765 5.752 5.686 5.566 5.505	6.011 5.955 5.860 5.755 5.719 5.705 5.638 5.601 5.517 5.455	34.138 34.146 34.152 34.153 34.167 34.175 34.179 34.188 34.197 34.208	26.870 26.883 26.900 26.914 26.929 26.938 26.949 26.960 26.978 26.994	29.159 29.219 29.282 29.343 29.404 29.458 29.516 29.574 29.574 29.700	26.864 26.878 26.895 26.908 26.924 26.932 26.943 26.954 26.972	124.1 122.9 121.3 120.1 118.7 118.0 117.0 116.0 114.3 112.9	10.170 10.294 10.416 10.536 10.656 10.774 10.891 11.008 11.123 11.237	0000000000	1482.3 1482.3 1482.1 1481.8 1481.8 1482.0 1481.9 1481.7 1481.7	3015.9 3117.4 3220.1 3324.0 3429.1 3535.3 3642.7 3751.3 3861.0 3971.8	17.8 19.3 15.5 4.6 11.6 10.8 7.0 9.9
600.0 610.0 620.0 630.0 640.0 650.0 660.0 680.0 690.0	596.1 606.0 615.9 625.8 635.7 645.5 655.5 665.4 675.3	5.446 5.399 5.339 5.260 5.203 5.152 5.076 5.041 5.012 4.967	5.396 5.348 5.287 5.208 5.150 5.099 5.023 4.987 4.957	34.216 34.227 34.234 34.245 34.251 34.260 34.267 34.268 34.274 34.279	27.007 27.021 27.035 27.052 27.064 27.077 27.091 27.096 27.105 27.114	29.760 29.821 29.880 29.945 30.003 30.062 30.124 30.175 30.229 30.285	27.001 27.015 27.028 27.046 27.058 27.071 27.085 27.090 27.098 27.108	111.7 110.4 109.2 107.5 106.5 105.3 103.9 103.5 102.8 102.0	11.349 11.460 11.570 11.678 11.785 11.891 11.996 12.099 12.203 12.305	0000000000	1481.6 1481.6 1481.5 1481.4 1481.3 1481.3 1481.1 1481.2 1481.2	4083.8 4196.8 4310.9 4426.1 4542.4 4659.7 4778.1 4897.4 5017.8 5139.2	11.9 10.8 14.9 9.3 3.7 14.0 11.0 3.4 11.3 6.9
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.950 4.896 4.804 4.806 4.710 4.714 4.657 4.550	4.893 4.839 4.787 4.746 4.747 4.651 4.654 4.596 4.489 4.363	34.292 34.297 34.299 34.305 34.316 34.313 34.329 34.329 34.325	27.126 27.137 27.144 27.153 27.162 27.170 27.183 27.194 27.201 27.211	30.343 30.400 30.454 30.509 30.563 30.619 30.677 30.735 30.790 30.848	27.120 27.130 27.138 27.147 27.155 27.163 27.176 27.187 27.194 27.205	100.9 100.0 99.3 98.5 97.8 97.0 95.9 94.9 94.1 93.0	12.406 12.507 12.607 12.706 12.804 12.901 12.998 13.093 13.188 13.281	0000000000	1481.3 1481.2 1481.2 1481.4 1481.2 1481.4 1481.3 1481.0 1480.6	5261.6 5385.0 5509.4 5634.8 5761.1 5888.4 6016.7 6145.8 6276.0 6407.0	6.1 12.2 11.6 11.9 4.0 9.0 10.7 12.5 12.8 13.9
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.481 4.447 4.429 4.401 4.394 4.368 4.340 4.269 4.148 4.081	4.419 4.384 4.366 4.337 4.329 4.302 4.274 4.202 4.001	34.342 34.351 34.356 34.363 34.364 34.365 34.369 34.367 34.368	27.219 27.229 27.235 27.244 27.246 27.250 27.256 27.267 27.274 27.282	30.900 30.957 31.009 31.064 31.111 31.161 31.214 31.271 31.328 31.382	27.212 27.222 27.228 27.237 27.239 27.242 27.249 27.260 27.268 27.275	92.5 91.5 91.1 90.3 90.2 89.9 89.4 88.3 87.4 86.7	13.374 13.466 13.557 13.648 13.738 13.828 13.918 14.007 14.095		1481.1 1481.2 1481.3 1481.4 1481.5 1481.5 1481.0 1481.0	6539.0 6671.8 6805.6 6940.3 7075.8 7212.2 7349.6 7487.8 7626.8 7766.7	9.3 5.7 7.8 8.1 5.2 1.7 7.5 1.1
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.5 962.4 972.3 982.2	4.011 3.974 3.950 3.936 3.999 4.000 3.973 3.940 3.921 3.898	3.944 3.906 3.881 3.866 3.928 3.929 3.901 3.867 3.848 3.825	34.365 34.368 34.372 34.374 34.393 34.405 34.411 34.416 34.420 34.423	27.287 27.293 27.299 27.302 27.311 27.320 27.328 27.335 27.340 27.345	31.435 31.487 31.539 31.588 31.641 31.696 31.750 31.854 31.854 31.906	27.280 27.286 27.292 27.295 27.303 27.313 27.320 27.328 27.333 27.338	83.5 82.8 82.1 81.7	14.268 14.354 14.439 14.524 14.609 14.693 14.776 14.858 14.940 15.022		1480.8 1480.9 1481.0 1481.4 1481.6 1481.7 1481.7 1481.8 1481.9	7907.5 8049.1 8191.6 8334.9 8623.9 8769.7 8916.3 9063.6 9211.8	12.2 3.7 3.1 4.3 9.3 10.2 3.4 5.2 1.1

Station	94	Latitude	32 54.4	19'N	Longitu	de 127°	34.30'W	06	May 1991	GMT 11	:17	Bottom	4470 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t		Dyn.Ht	LTR	sv	TF m ³ /s ²	N ² 10 ⁶ /s ²
db	m	•c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	J/kg	0/0	m/s	m ³ /s ²	
1000.0	992.1	3.874	3.799	34.425	27.350	31.956	27.342	80.9	15.103	.0	1481.9	9360.8	1.4 5.5
1020.0 1040.0	1011.9 1031.7	3.819 3.751	3.743 3.674	34.434 34.438	27.362 27.372	32.061 32.164	27.354 27.364	79.8 78.8	15.263 15.422	:0	1482.0 1482.1	9661.1 9964.5	6.7
1060.0	1051.4	3.698	3.620	34.445	27.383	32.268	27.376	77.8	15.579	.ŏ	1482.2	10271.1	9.0
1080.0	1071.2	3.660	3.580	34.452	27.393	32.370	27.385	77.0	15.733	.0	1482.4	10580.6	.8
1100.0	1091.0	3.586	3.505	34.463	27.409	32.479	27.401	75.5	15.886	٠,٥	1482.4	10893.2	11.7
1120.0 1140.0	1110.8 1130.5	3.523 3.476	3.441 3.393	34.473 34.476	27.423 27.430	32.585 32.686	27.415 27.422	74.2 73.5	16.036 16.184	.0	1482.5 1482.6	11208.8 11527.2	1.4
1160.0	1150.3	3.432	3.348	34.483	27.440	32.788	27.432	72.6	16.330	.ŏ	1482.8	11848.5	6.7
1180.0	1170.1	3.415	3.329	34.494	27.450	32.889	27.442	71.8	16.474	.0	1483.1	12172.7	5.9
1200.0	1189.8	3.374	3.287	34.501	27.460	32.991	27.452	70.9	16.617	.0	1483.2	12499.6	5.0
1220.0 1240.0	1209.6 1229.3	3.335	3.246	34.504	27.466	33.089	27.458	70.4 69.4	16.758 16.898	.0	1483.4 1483.5	12829.4 13161.8	1.8 3.5
1240.0	1249.1	3.272 3.219	3.182 3.128	34.508 34.510	27.476 27.482	33.192 33.291	27.467 27.473	68.9	17.036	.0	1483.6	13497.0	7.1
1280.0	1268.8	3.175	3.084	34.511	27.487	33.389	27,479	68.4	17.173	.ŏ	1483.7	13834.9	6.2
1300.0	1288.6	3.131	3.038	34.513	27.493	33.487	27.485	67.8	17.309	.0	1483.9	14175.4	3.0
1320.0	1308.3	3.074	2.980	34.518	27.502	33.589	27.493	67.0	17.444	•0	1484.0	14518.6 14864.4	2.7 8.3
1340.0 1360.0	1328.1 1347.8	3.047 3.012	2.951 2.916	34.524 34.528	27.510 27.516	33.688 33.786	27.501 27.507	66.3 65.8	17.577 17.709	:0	1484.2 1484.4	15212.8	6.2
1380.0	1367.6	2.976	2.878	34.532	27.523	33.886	27.514	65.1	17.840	.ŏ	1484.6	15563.7	1.6
1400.0	1387.3	2.938	2.839	34.538	27.531	33,986	27.522	64.4	17.970	.0	1484.7	15917.2	.4 .7
1420.0	1407.1	2.912	2.812	34.540	27.535	34.082	27.526	64.1	18.098	٠٥.	1485.0	16273.1	1.7
1440.0 1460.0	1426.8 1446.5	2.882 2.849	2.781 2.746	34.542 34.545	27.540 27.545	34.178 34.275	27.530 27.535	63.7 63.2	18.226 18.353	.0	1485.2 1485.4	16631.6 16992.6	1.6 2.2
1480.0	1466.3	2.820	2.716	34.549	27.550	34.373	27.541	62.7	18.479	.ŏ	1485.6	17356.0	2.5
1500.0	1486.0	2.798	2.693	34.554	27.556	34.470	27.547	62.2	18.603	٥.	1485.8	17721.8	.5
1520.0	1505.7	2.764	2.657	34.556	27.562	34.568	27.552	61.7	18.727	.0	1486.0	18090.1	1.6 7.2
1540.0 1560.0	1525.4 1545.2	2.716 2.671	2.608 2.562	34.560 34.563	27.569 27.575	34.667 34.766	27.559 27.566	61.0 60.3	18.850 18.971	.0	1486.1 1486.3	18460.7 18833.7	3.7
1580.0	1564.9	2.643	2.533	34.567	27.581	34.864	27.571	59.8	19.091	.ŏ	1486.5	19209.1	5.5
1600.0	1584.6	2.609	2.497	34.569	27.586	34.961	27.576	59.3	19.210	.0	1486.7	19586.8	3.7
1620.0	1604.3	2.582	2.469	34.573	27.591	35.058	27.582	58.9	19.329	.0	1486.9	19966.8	.8
1640.0 1660.0	1624.1 1643.8	2.558 2.535	2.444 2.420	34.575 34.578	27.595 27.599	35.153 35.249	27.585 27.589	58.5 58.2	19.446 19.563	.0	1487.1 1487.4	20349.1 20733.6	.5 3.8
1680.0	1663.5	2.520	2.420	34.580	27.602	35.343	27.592	58.0	19.679	.ŏ	1487.6	21120.4	3.3
1700.0	1683.2	2.475	2.357	34.583	27.608	35,442	27.598	57.3	19.794	.ŏ	1487.8	21509.5	7.3
1720.0	1702.9	2.435	2.315	34.585	27.614	35.539	27.604	56.7	19.908	.0	1488.0	21900.7	4.1
1740.0 1760.0	1722.6 1742.3	2.411 2.391	2.290 2.268	34.587 34.588	27.617 27.620	35.634 35.728	27.607 27.610	56.4 56.2	20.021 20.134	٠,	1488.2 1488.4	22294.2 22689.9	.3
1780.0	1762.0	2.365	2.241	34.590	27.624	35.824	27.614	55.8	20.246	:8	1488.7	23087.7	3.0
1800.0	1781.7	2.332	2.208	34.591	27,628	35.919	27.617	55.5	20.358	.0	1488.9	23487.7	.3
1820.0	1801.4	2.314	2.188	34.592	27.630	36.013	27.619	55.3	20.468	.0	1489.1	23889.8	1.8
1840.0 1860.0	1821.1 1840.8	2.277 2.248	2.150 2.119	34.595 34.598	27.635 27.640	36.110 36.207	27.625 27.630	54.7 54.2	20.578 20.687	.0	1489.3 1489.5	24294.1 24700.5	3.6 1.0
1880.0	1860.5	2.228	2.098	34.601	27.644	36.302	27.634	53.9	20.795	.0	1489.7	25109.0	2.2
1900.0	1880.2	2.201	2.070	34.602	27.648	36.397	27.637	53.5	20.903	.0	1490.0	25519.6	2.2
1920.0	1899.9 1919.6	2.178	2.046 2.025	34.605 34.608	27.652 27.656	36.493 36.588	27.641 27.645	53.1 52.8	21.009	-0	1490.2 1490.5	25932.3 26347.0	4.0
1940.0 1960.0	1939.3	2.159 2.136	2.025	34.611	27.660	36.683	27.645	52.8 52.4	21.115 21.220	.0	1490.5	26763.7	2.8
1980.0	1959.0	2.121	1.984	34.613	27.663	36.777	27.652	52.1	21.325	.ŏ	1491.0	27182.5	1.1
2000.0	1978.7	2.108	1.969	34.616	27.666	36.871	27.655	51.9	21.429	.0	1491.3	27603.2	2.8 1.7
2050.0 2100.0	2027.9 2077.1	2.066 2.024	1.924 1.878	34.620 34.626	27.674 27.682	37.106 37.341	27.663 27.670	51.2 50.5	21.687 21.941	.0	1491.9 1492.6	28663.9 29736.9	1.7
2100.0	2077.1	2.024	1.878	34.626	27.682	37.341	27.670	50.5	21.941	:0	1492.6	29736.9	.ŏ

Station	95	Latitude	32' 47.3	1'N	Longit	ide 127°	16.18'W	06	May 1991	GMT 14	:23	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.686 15.618 15.182 15.141 15.074 14.662 14.801 14.689 14.639	15.686 15.617 15.179 15.137 15.068 14.655 14.792 14.670 14.627 14.986	33.254 33.253 33.252 33.257 33.249 33.223 33.305 33.347 33.370 33.536	24.476 24.491 24.586 24.600 24.608 24.677 24.711 24.769 24.797 24.847	24.476 24.535 24.675 24.732 24.785 24.898 24.976 25.150 25.244	24.476 24.491 24.586 24.599 24.676 24.709 24.767 24.794 24.845	344.7 343.6 334.8 333.8 337.0 324.0 318.8 316.5 312.0	.000 .345 .682 1.016 1.349 1.680 2.006 2.328 2.645 2.959	00000000000	1507.4 1507.4 1506.2 1506.2 1506.1 1505.6 1505.5 1505.5	.0 1.7 6.8 15.3 27.1 42.2 60.5 82.1 106.9 134.8	.0 122.9 18.9 11.3 14.8 53.4 55.8 11.8 61.6 43.8
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.1	14.760 13.655 12.480 11.997 10.512 10.189 10.138 9.549 9.343 9.247	14.745 13.640 12.464 11.981 10.496 10.171 10.120 9.531 9.323 9.226	33.544 33.391 33.337 33.310 33.140 33.225 33.342 33.340 33.458 33.494	24.906 25.210 25.210 25.281 25.416 25.538 25.638 25.638 25.733 25.860 25.903	25.347 25.745 25.745 25.862 26.046 26.214 26.359 26.674 26.763	24.903 25.206 25.278 25.413 25.535 25.635 25.730 25.857 25.900	306.7 296.0 277.9 271.3 258.3 246.8 237.5 228.4 216.6 212.6	3.269 3.571 3.859 4.134 4.400 4.653 4.895 5.351 5.356	0000000000	1506.5 1502.8 1499.0 1497.4 1492.1 1491.2 1491.4 1488.9 1488.8	165.8 199.8 236.8 276.6 319.1 364.1 411.6 461.5 513.6 567.9	90.1 195.0 104.6 19.0 88.7 158.0 44.4 135.4 22.3 115.4
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.8 248.8 258.7 268.6 278.6 288.5	9.145 9.082 8.921 8.892 8.821 8.832 8.688 8.528 8.279	9.123 9.059 8.898 8.868 8.796 8.806 8.661 8.500 8.250 8.139	33.577 33.642 33.744 33.850 33.882 33.925 33.950 33.981 34.016 34.038	25.985 26.046 26.151 26.239 26.275 26.308 26.350 26.398 26.464 26.498	26.890 26.996 27.147 27.280 27.362 27.439 27.527 27.622 27.735 27.815	25.981 26.042 26.147 26.235 26.271 26.303 26.345 26.394 26.460 26.494	205.1 199.5 189.7 181.5 178.2 175.4 171.5 167.0 160.8 157.7	5.775 5.977 6.172 6.358 6.538 6.714 6.887 7.056 7.220 7.378	.00000000000000000000000000000000000000	1488.7 1488.4 1488.6 1488.5 1488.8 1488.4 1488.0 1487.3 1487.0	624.2 682.7 743.0 805.3 869.4 935.2 1002.8 1072.0 1143.0 1215.4	79.1 81.5 132.1 34.0 64.2 63.3 24.3 58.0 64.7 19.3
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.4 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	8.089 7.985 7.853 7.709 7.560 7.437 7.319 7.094 6.996	8.059 7.954 7.821 7.677 7.527 7.403 7.285 7.204 7.058 6.959	34.050 34.071 34.074 34.076 34.076 34.079 34.081 34.086 34.083 34.089	26.520 26.552 26.573 26.595 26.617 26.637 26.656 26.671 26.689 26.707	27.882 27.960 28.027 28.096 28.165 28.231 28.296 28.357 28.422 28.486	26.515 26.547 26.568 26.591 26.613 26.632 26.651 26.666 26.684 26.702	155.8 152.9 151.0 148.9 146.9 145.1 143.4 140.4 138.8	7.535 7.690 7.842 7.992 8.141 8.287 8.431 8.574 8.716 8.856	.0000000000	1486.9 1486.7 1486.4 1486.0 1485.6 1485.0 1485.0 1484.8 1484.4	1289.5 1365.1 1442.2 1520.8 1600.9 1682.5 1765.5 1849.9 1935.7 2022.9	13.7 36.2 8.7 23.6 42.0 15.7 8.0 6.6 37.6 33.5
400.0 410.0 420.0 430.0 440.0 450.0 460.0 480.0 490.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1 487.0	6.812 6.769 6.679 6.593 6.470 6.461 6.285 6.211 6.104 5.998	6.775 6.732 6.641 6.554 6.430 6.421 6.244 6.169 6.062 5.956	34.089 34.100 34.108 34.115 34.114 34.119 34.128 34.127 34.131	26.732 26.746 26.765 26.776 26.799 26.825 26.842 26.855 26.872	28.558 28.618 28.683 28.741 28.810 28.856 28.930 28.993 29.117	26.727 26.741 26.760 26.771 26.793 26.794 26.820 26.837 26.850 26.867	136.5 135.2 133.5 132.5 130.4 130.5 128.0 126.5 125.2 123.7	8.993 9.129 9.264 9.397 9.529 9.659 9.788 9.916 10.041 10.166	.00000000000	1483.6 1483.6 1483.5 1483.3 1483.0 1483.1 1482.6 1482.4 1482.2 1481.9	2111.5 2201.4 2292.6 2385.2 2479.1 2574.3 2670.8 2768.5 2867.5 2967.7	9.4 17.3 10.6 11.1 22.8 8.8 20.5 25.4 8.4 11.4
500.0 510.0 520.0 530.0 540.0 550.0 570.0 580.0 590.0	496.9 506.8 516.8 526.7 536.6 546.5 556.4 556.3 576.3	5.944 5.903 5.836 5.734 5.636 5.584 5.5369 5.239	5.901 5.859 5.791 5.748 5.687 5.589 5.537 5.482 5.321 5.190	34.142 34.149 34.163 34.171 34.176 34.187 34.192 34.199 34.192 34.192	26.887 26.998 26.918 26.929 26.941 26.961 26.971 26.983 26.997 27.008	29.178 29.235 29.301 29.358 29.416 29.483 29.540 29.598 29.660 29.719	26.882 26.912 26.924 26.935 26.955 26.966 26.978 26.992 27.003	122.3 121.4 119.6 118.6 117.6 115.7 114.8 113.7 112.3 111.1	10.289 10.411 10.531 10.650 10.768 10.885 11.000 11.114 11.227 11.339	.00	1481.9 1481.8 1481.8 1481.7 1481.5 1481.5 1481.4 1480.9 1480.5	3069.2 3171.8 3275.7 3380.7 3486.9 3594.2 3702.7 3812.4 3923.1 4034.9	14.3 10.2 12.2 3.4 11.9 20.7 10.5 17.7 6.9
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0 690.0	596.1 606.0 615.9 625.8 635.7 645.5 665.5 665.5 675.4 685.3	5.204 5.141 5.093 5.029 5.009 4.995 4.977 4.938 4.904 4.865	5.155 5.092 5.043 4.978 4.958 4.942 4.924 4.849 4.849	34.191 34.204 34.210 34.215 34.232 34.243 34.251 34.264 34.274 34.275	27.016 27.033 27.044 27.055 27.072 27.081 27.090 27.105 27.117 27.122	29.773 29.837 29.893 29.951 30.014 30.069 30.124 30.185 30.243 30.295	27.011 27.028 27.038 27.049 27.066 27.076 27.084 27.099 27.111 27.116	110.5 108.9 108.0 106.9 105.5 104.6 103.9 102.5 101.5	11.450 11.559 11.667 11.775 11.881 11.986 12.091 12.194 12.296 12.397	.00	1480.6 1480.5 1480.5 1480.4 1480.5 1480.6 1480.7 1480.7 1480.8	4147.9 4261.9 4377.0 4493.2 4610.4 4728.7 4848.0 4968.3 5089.6 5211.9	17.4 16.0 1.9 3.9 10.7 9.8 4.6 14.5 9.8
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.773 4.741 4.671 4.635 4.598 4.595 4.567 4.536 4.536	4.718 4.685 4.615 4.577 4.540 4.536 4.507 4.476 4.476 4.476	34.277 34.277 34.288 34.301 34.315 34.322 34.331 34.335 34.335	27.134 27.138 27.154 27.169 27.181 27.184 27.193 27.204 27.207 27.217	30.353 30.404 30.467 30.528 30.587 30.635 30.690 30.747 30.796 30.852	27.127 27.131 27.148 27.162 27.175 27.177 27.186 27.197 27.200 27.210	99.9 99.6 98.0 96.8 95.6 95.7 93.7 93.5 92.6	12.498 12.597 12.696 12.794 12.890 12.986 13.081 13.175 13.269 13.362	.00	1480.6 1480.5 1480.5 1480.5 1480.7 1480.7 1480.8 1481.0 1481.0	5335.2 5459.5 5584.8 5711.1 5838.3 5966.4 6095.5 6225.5 6356.4 6488.2	13.6 11.9 13.3 10.1 5.4 1.9 4.3 10.7 4.3 6.0
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.492 4.456 4.433 4.409 4.339 4.261 4.261 4.209 4.187 4.148	4.430 4.394 4.370 4.345 4.275 4.253 4.196 4.143 4.120 4.081	34.352 34.362 34.364 34.367 34.374 34.377 34.385 34.387 34.388	27.226 27.237 27.242 27.247 27.259 27.262 27.270 27.282 27.286 27.291	30.907 30.964 31.015 31.066 31.126 31.175 31.229 31.288 31.338 31.339	27.219 27.230 27.235 27.240 27.255 27.255 27.263 27.275 27.279 27.284	91.9 90.9 90.5 90.1 88.9 88.7 87.9 86.8 86.4	13.454 13.545 13.636 13.726 13.816 13.904 13.993 14.080 14.166 14.252	.00000000000000000000000000000000000000	1481.1 1481.2 1481.2 1481.3 1481.3 1481.2 1481.1 1481.2 1481.1	6621.0 6754.6 6889.2 7024.6 7161.0 7298.1 7436.2 7575.1 7714.9 7855.5	16.9 4.0 12.5 5.8 3.7 4.9 10.7 1.1 12.2
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.3 982.2	4.120 4.036 3.999 3.988 3.985 3.960 3.944 3.924 3.899	4.052 3.967 3.930 3.918 3.915 3.889 3.872 3.852 3.852 3.808	34.393 34.391 34.393 34.401 34.409 34.418 34.419 34.423 34.423	27.298 27.305 27.310 27.318 27.325 27.334 27.337 27.343 27.350 27.355	31.443 31.498 31.550 31.603 31.656 31.711 31.760 31.811 31.865 31.916	27.291 27.298 27.303 27.311 27.318 27.327 27.330 27.335 27.342 27.348	85.3 84.6 84.1 83.4 82.9 82.0 81.8 81.4 80.7 80.3	14.338 14.423 14.507 14.591 14.675 14.757 14.839 14.920 15.001 15.082	0000000000	1481.3 1481.1 1481.2 1481.4 1481.5 1481.6 1481.7 1481.7	7997.0 8139.3 8282.4 8426.4 8571.2 8716.7 8863.1 9010.3 9158.3 9307.1	11.6 11.3 4.9 -1.0 15.4 6.4 7.8 6.7 7.0

Station	95	Latitude	32° 47.	31'N	Longitu	ide 127°	16.18'W	06	May 1991	GMT 14	:23	Bottom	4310 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m ³ /s ²	N ²
1000.0 1020.0 1040.0 1060.0 1080.0 1100.0 1120.0	992.1 1011.9 1031.7 1051.5 1071.2 1091.0 1110.8	3.863 3.780 3.752 3.713 3.650 3.577	3.789 3.704 3.675 3.635 3.571 3.496 3.494	34.436 34.445 34.447 34.459 34.470 34.472 34.484	27.359 27.375 27.379 27.393 27.408 27.417 27.427	31.966 32.075 32.172 32.277 32.385 32.487 32.588	27.351 27.367 27.372 27.385 27.400 27.409 27.419	80.0 78.4 78.1 76.9 75.6 74.7 74.0	15.162 15.321 15.478 15.633 15.785 15.935 16.084	.00	1481.9 1481.9 1482.1 1482.3 1482.4 1482.4	9456.7 9758.1 10062.7 10370.3 10680.9 10994.5 11311.0	2.6 4.3 7.3 7.3 7.3 5.2 5.0
1140.0 1160.0 1180.0	1130.5 1150.3 1170.1	3.510 3.427 3.394	3.427 3.343 3.309	34.490 34.493 34.500	27.438 27.449 27.457	32.692 32.796 32.897	27.430 27.441 27.449	72.9 71.8 71.1	16.230 16.375 16.518	.0	1482.8 1482.8 1483.0	11630.4 11952.6 12277.6	5.6 .9 2.1
1200.0 1220.0 1240.0 1260.0 1280.0 1300.0 1340.0 1360.0 1380.0	1189.8 1209.6 1229.3 1249.1 1268.9 1288.6 1308.4 1328.1 1347.8 1367.6	3.320 3.271 3.222 3.174 3.109 3.060 3.014 2.981 2.947 2.947	3.234 3.183 3.133 3.085 3.018 2.968 2.921 2.887 2.887 2.815	34.500 34.504 34.508 34.513 34.517 34.522 34.530 34.532 34.537	27.464 27.472 27.480 27.489 27.494 27.503 27.511 27.520 27.525 27.532	32.997 33.098 33.198 33.300 33.398 33.499 33.600 33.701 33.798 33.897	27.456 27.464 27.472 27.481 27.486 27.494 27.502 27.512 27.517 27.523	70.3 69.6 68.9 68.1 67.5 66.7 65.1 64.1	16.660 16.800 16.938 17.076 17.211 17.345 17.478 17.609 17.739	0000000000	1483.0 1483.3 1483.4 1483.4 1483.6 1483.7 1483.9 1483.9 1484.3	12605.5 12936.0 13269.3 13605.3 13943.9 14285.2 14629.1 14975.5 15324.5 15676.0	2.3 2.17 10.3 6.5 2.8 -3.0
1400.0 1420.0 1440.0 1460.0 1500.0 1520.0 1540.0 1560.0 1580.0	1387.3 1407.1 1426.8 1446.6 1466.3 1486.0 1505.7 1525.5 1545.2 1564.9	2.870 2.845 2.816 2.780 2.737 2.701 2.669 2.642 2.612 2.571	2.772 2.745 2.715 2.677 2.634 2.596 2.563 2.535 2.503 2.461	34.541 34.549 34.552 34.556 34.556 34.561 34.566 34.566	27.539 27.544 27.551 27.556 27.563 27.568 27.573 27.577 27.582 27.588	33.996 34.093 34.191 34.289 34.389 34.486 34.583 34.679 34.679	27.530 27.535 27.542 27.554 27.559 27.564 27.568 27.568 27.573 27.578	63.4 63.0 61.9 61.2 60.7 60.3 59.9 59.9	17.995 18.121 18.247 18.371 18.494 18.616 18.737 18.857 18.976	00000000000	1484.4 1484.9 1485.1 1485.2 1485.4 1485.6 1486.0 1486.2	16029.9 16386.4 16745.3 17106.6 17470.3 17836.5 18204.9 18575.7 18948.9	4.8 2.7 2.8 1.6 5.4 1.8
1600.0 1620.0 1640.0 1660.0 1700.0 1720.0 1740.0 1760.0 1780.0	1584.6 1604.4 1624.1 1643.8 1663.5 1683.5 1702.9 1722.6 1742.3 1762.1	2.544 2.527 2.498 2.477 2.443 2.418 2.397 2.371 2.341 2.311	2.433 2.415 2.385 2.362 2.326 2.300 2.278 2.251 2.220 2.189	34.573 34.575 34.577 34.579 34.582 34.584 34.585 34.587 34.590 34.592	27.594 27.597 27.602 27.605 27.611 27.614 27.617 27.621 27.626 27.630	34.972 35.066 35.162 35.257 35.355 35.450 35.544 35.640 35.737 35.832	27.585 27.588 27.592 27.595 27.601 27.604 27.611 27.616 27.620	58.3 58.1 57.4 56.5 56.5 55.3 555.1	19.212 19.328 19.444 19.559 19.673 19.787 19.899 20.011 20.123 20.233	0000000000	1486.4 1486.7 1486.9 1487.1 1487.3 1487.5 1487.8 1488.0 1488.2 1488.4	19702.1 20082.1 20464.3 20848.8 21235.5 21624.4 22015.6 22408.8 22804.3 23201.9	5.5 3.1 6.5 2.8 2.6 2.6
1800.0 1820.0 1840.0 1860.0 1900.0 1920.0 1940.0 1960.0 1980.0	1781.8 1801.4 1821.2 1840.8 1860.5 1880.2 1899.9 1919.6 1939.3 1959.0	2.276 2.257 2.236 2.214 2.195 2.175 2.161 2.146 2.129 2.110	2.152 2.131 2.109 2.086 2.066 2.045 2.029 2.012 1.994 1.974	34.596 34.597 34.599 34.602 34.603 34.605 34.607 34.610 34.611	27.635 27.638 27.642 27.646 27.652 27.655 27.658 27.661 27.664	35.930 36.024 36.119 36.214 36.308 36.403 36.497 36.591 36.685 36.779	27.625 27.628 27.632 27.635 27.638 27.642 27.644 27.647 27.650 27.653	54.5 54.2 53.6 53.6 53.3 53.0 52.8 52.3 52.3	20.343 20.451 20.560 20.667 20.774 20.881 20.986 21.091 21.196 21.300	0000000000	1488.6 1488.9 1489.1 1489.4 1489.6 1489.9 1490.1 1490.7 1490.9	23601.6 24003.5 24407.4 24813.4 25221.5 25631.7 26043.9 26458.1 26874.4 27292.7	3.6 3.9 2.5 1.9 2.4 1.0
2000.0 2050.0 2094.0	1978.7 2027.9 2071.2	2.093 2.039 2.006	1.955 1.898 1.862	34.615 34.619 34.624	27.667 27.675 27.681	36.873 37.108 37.315	27.656 27.663 27.670	51.7 51.0 50.4	21.404 21.660 21.883	.0	1491.2 1491.8 1492.4	27713.0 28772.4 29714.8	.2 .5 .0

Station	96	Latitude	32° 33.	70'N	Longit	ude 127°	23.16'W	06	May 1991	GMT 17	:04	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.484 15.440 15.014 14.981 14.906 14.720 14.601 14.495 14.452 14.503	15.484 15.439 15.011 14.977 14.900 14.712 14.592 14.485 14.440 14.490	33.266 33.264 33.263 33.271 33.266 33.278 33.286 33.289 33.305 33.347	24.530 24.539 24.631 24.645 24.708 24.739 24.764 24.786 24.808	24.530 24.583 24.719 24.777 24.835 24.928 25.004 25.073 25.140 25.205	24.530 24.539 24.630 24.644 24.657 24.706 24.737 24.762 24.783 24.805	339.5 339.0 330.5 329.5 328.5 324.1 321.4 319.3 317.5 315.7	.000 .339 .674 1.004 1.333 1.659 1.981 2.302 2.620 2.937	0000000000	1506.8 1506.8 1505.6 1505.7 1505.2 1505.0 1504.8 1504.9 1505.2	.0 1.7 6.7 15.1 26.7 41.6 59.8 81.1 105.6 133.3	.0 5.2 8.3 9.8 50.8 62.8 14.2 18.5 18.0
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.1	14.537 14.740 12.841 12.030 11.148 11.000 10.446 9.508 9.349 8.950	14.523 14.724 12.825 12.014 11.131 10.982 10.427 9.490 9.329 8.929	33.370 33.500 33.307 33.287 33.317 33.356 33.395 33.400 33.451 33.528	24.819 24.876 25.117 25.257 25.442 25.626 25.626 25.787 25.854 25.977	25.261 25.362 25.651 25.838 26.070 26.172 26.346 26.556 26.667 26.838	24.816 24.873 25.114 25.254 25.439 25.496 25.623 25.784 25.850 25.974	315.0 309.8 286.8 273.5 256.0 250.8 238.7 227.2 205.5	3.253 3.566 3.861 4.141 4.406 4.660 4.904 5.136 5.358 5.569		1505.5 1506.5 1500.2 1497.5 1494.6 1494.3 1492.5 1489.3 1488.9 1487.7	164.1 198.1 235.0 274.9 317.4 362.5 410.1 460.0 512.2 566.5	45.5 220.4 149.8 190.9 148.3 137.1 138.2 149.4 133.8
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.8 248.8 258.7 268.6 278.6 288.5	8.856 8.752 8.699 8.680 8.561 8.530 8.399 8.262 8.080 7.941	8.834 8.730 8.676 8.656 8.536 8.504 8.373 8.234 8.052 7.912	33.640 33.708 33.754 33.835 33.906 33.960 33.991 34.004 34.022 34.031	26.080 26.149 26.194 26.260 26.334 26.382 26.426 26.427 26.499 26.526	26.986 27.101 27.191 27.302 27.422 27.515 27.605 27.682 27.770 27.844	26.076 26.146 26.190 26.256 26.330 26.378 26.421 26.423 26.494 26.522	196.0 189.5 185.5 179.4 172.5 168.2 164.2 164.2 157.4	5.769 5.962 6.149 6.331 6.507 6.677 6.843 7.005 7.165 7.321	.00000000000000000000000000000000000000	1487.7 1487.5 1487.5 1487.7 1487.7 1487.7 1487.4 1487.0 1486.5 1486.2	622.9 681.2 741.4 803.4 867.2 932.7 999.8 1068.6 1139.0 1210.9	105.7 49.5 75.5 44.8 80.5 40.4 32.2 5.8 47.4 35.6
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.4 308.4 318.3 328.2 338.2 348.1 358.0 367.9 377.9 387.8	7.737 7.588 7.398 7.278 7.192 7.073 6.929 6.884 6.740 6.688	7.708 7.558 7.368 7.246 7.160 7.040 6.895 6.850 6.706 6.653	34.016 34.020 34.018 34.013 34.027 34.027 34.026 34.038 34.036 34.045	26.545 26.568 26.594 26.607 26.622 26.647 26.666 26.700 26.714	27.909 27.979 28.052 28.112 28.172 28.244 28.310 28.371 28.436 28.496	26.540 26.564 26.590 26.603 26.618 26.643 26.662 26.6677 26.695 26.709	153.2 151.0 148.7 147.5 146.2 143.9 142.1 149.1 139.1	7.475 7.627 7.777 7.925 8.072 8.217 8.360 8.501 8.641 8.780	.00.00000	1485.5 1485.1 1484.5 1484.2 1484.0 1483.8 1483.4 1483.4 1483.0 1482.9	1284.4 1359.4 1435.9 1513.9 1574.1 1756.4 1840.1 1925.2 2011.6	16.0 10.4 21.2 14.7 33.7 23.2 18.2 13.5 11.1
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 457.2 477.1 487.0	6.622 6.523 6.409 6.298 6.087 6.010 6.160 6.079 5.958	6.585 6.487 6.372 6.260 6.049 5.971 6.120 6.038 5.917 5.847	34.053 34.065 34.071 34.072 34.058 34.114 34.115 34.114 34.125	26.729 26.752 26.7787 26.787 26.802 26.820 26.837 26.848 26.880	28.557 28.626 28.693 28.755 28.818 28.882 28.943 29.001 29.063 29.126	26.724 26.747 26.767 26.782 26.797 26.815 26.832 26.843 26.858 26.875	136.5 134.5 132.6 131.2 129.7 128.1 126.7 124.3 122.8	8.917 9.052 9.186 9.318 9.448 9.577 9.704 9.830 9.955 10.079	0000000000	1482.8 1482.6 1482.3 1482.1 1481.4 1481.2 1482.1 1481.9 1481.6 1481.5	2099.5 2188.6 2279.1 2370.9 2558.4 2654.1 2751.0 2849.1 2948.5	12.9 28.1 14.9 15.5 19.5 8.7 12.0 15.8 7.2
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	496.9 506.9 516.8 526.7 536.6 546.5 556.4 566.3 576.3	5.835 5.869 5.840 5.722 5.662 5.552 5.498 5.387 5.249	5.792 5.825 5.795 5.677 5.616 5.562 5.505 5.450 5.339 5.201	34.142 34.152 34.165 34.166 34.175 34.184 34.193 34.204 34.204 34.210	26.901 26.905 26.919 26.934 26.948 26.962 26.976 26.991 27.005 27.026	29.193 29.242 29.302 29.364 29.425 29.485 29.545 29.607 29.668 29.736	26.896 26.899 26.913 26.928 26.943 26.956 26.971 26.986 26.999 27.021	120.9 120.7 119.5 118.1 116.8 115.5 114.2 112.9 111.6	10.200 10.321 10.442 10.560 10.678 10.794 10.909 11.022 11.135 11.245	000000000	1481.4 1481.7 1481.8 1481.5 1481.4 1481.3 1481.3 1481.3 1480.6	3049.0 3150.8 3253.8 3357.9 3463.2 3569.6 3677.2 3786.0 3895.8 4006.7	18.9 5.5 22.8 18.9 7.2 20.7 18.6 218.0
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0 690.0	596.1 606.0 615.9 625.8 635.7 645.5 665.5 665.5 675.4 685.3	5.255 5.226 5.201 5.169 5.042 4.979 4.922 4.802 4.785 4.761	5.206 5.176 5.151 5.118 4.991 4.927 4.869 4.749 4.731 4.707	34.220 34.232 34.242 34.248 34.250 34.252 34.265 34.265 34.262 34.275	27.033 27.046 27.056 27.066 27.081 27.091 27.108 27.119 27.131 27.141	29.789 29.848 29.904 29.960 30.023 30.079 30.142 30.201 30.259 30.316	27.028 27.040 27.051 27.060 27.076 27.085 27.102 27.113 27.125 27.135	108.9 107.8 106.9 106.2 104.6 103.7 102.2 101.1	11.354 11.463 11.570 11.677 11.782 11.887 11.990 12.091 12.192 12.291		1480.8 1480.9 1481.0 1481.0 1480.6 1480.5 1480.5 1480.3 1480.3	4118.7 4231.8 4346.0 4461.2 4577.4 4694.7 4813.0 4932.3 5052.6 5173.9	6.3 18.7 15.4 15.7 9.5 15.4 6.3 9.8
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.734 4.716 4.604 4.537 4.478 4.449 4.419 4.364 4.330	4.678 4.660 4.548 4.480 4.421 4.391 4.361 4.305 4.271 4.273	34.293 34.299 34.293 34.298 34.302 34.305 34.307 34.315 34.328 34.339	27.152 27.158 27.166 27.177 27.187 27.192 27.197 27.209 27.224 27.232	30.372 30.425 30.480 30.538 30.594 30.646 30.697 30.757 30.817 30.871	27.146 27.152 27.160 27.171 27.181 27.186 27.191 27.203 27.217 27.225	98.2 97.6 96.8 95.8 94.9 94.4 94.0 92.8 91.5	12.390 12.488 12.585 12.681 12.776 12.871 12.965 13.059 13.151 13.242	0000000000	1480.4 1480.5 1480.2 1480.1 1480.0 1480.1 1480.1 1480.1 1480.1 1480.3	5296.1 5419.3 5543.5 5668.6 5794.7 5921.7 6049.7 6178.5 6308.3 6439.0	15.1 11.9 8.6 12.1 6.9 7.7 8.9 20.6 10.4
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.301 4.285 4.252 4.227 4.193 4.172 4.146 4.127 4.092 4.093	4.240 4.223 4.190 4.163 4.129 4.108 4.081 4.062 4.025 4.025	34.344 34.349 34.360 34.366 34.374 34.376 34.381 34.389 34.389	27.240 27.245 27.257 27.264 27.275 27.279 27.285 27.294 27.300 27.307	30.925 30.976 31.034 31.088 31.145 31.194 31.247 31.302 31.355 31.407	27.233 27.239 27.250 27.258 27.268 27.272 27.278 27.287 27.293 27.300	90.2 89.7 88.7 88.0 87.1 86.2 85.5 84.9	13.333 13.423 13.512 13.600 13.688 13.775 13.861 13.947 14.032 14.117	0000000000	1480.3 1480.4 1480.5 1480.5 1480.6 1480.7 1480.7 1480.8 1480.8	6570.5 6703.0 6836.3 6970.5 7105.6 7241.5 7378.3 7515.9 7654.3 7793.6	4.0 11.3 6.0 2.5 4.3 10.4 4.0 4.3 8.7
900.0 910.0 920.0 930.0 940.0 950.0 960.0 980.0 990.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.3 982.2	4.084 4.042 4.010 4.006 3.992 3.914 3.865 3.826 3.796 3.780	4.016 3.974 3.941 3.936 3.922 3.844 3.793 3.754 3.724 3.707	34.406 34.410 34.414 34.422 34.424 34.426 34.426 34.429 34.436 34.437	27.312 27.319 27.326 27.333 27.336 27.346 27.351 27.357 27.366 27.368	31.458 31.512 31.565 31.617 31.667 31.724 31.776 31.828 31.883 31.932	27.305 27.312 27.319 27.325 27.329 27.339 27.344 27.350 27.358 27.361	84.0 83.3 82.7 82.1 81.8 80.9 80.4 79.8 79.0	14.201 14.285 14.368 14.450 14.532 14.613 14.694 14.774 14.854 14.932	0000000000	1481.1 1481.2 1481.3 1481.4 1481.3 1481.2 1481.2 1481.2	7933.7 8074.7 8216.4 8359.0 8646.5 8791.5 8937.2 9083.8 9231.1	6.0 10.7 6.0 5.2 10.2 5.2 8.7 1.1 4.3 3.1

Station	96	Latitude	32° 33.	70'N	Longitu	de 127°	23.16'W	06	May 1991	GMT 17	:04	Bottom	4300 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t		Dyn.Ht	LTR	sv	m ³ /s ²	N ²
db	m	•c	·c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	J/kg	0/0	m/s	m ³ /s ²	10 ⁶ /s ²
1000.0 1020.0	992.1	3.750	3.677	34.444	27.377	31.987	27.370	78.0	15.011	.0	1481.4	9379.2	9.0
1040.0	1011.9 1031.7	3.729 3.697	3.654 3.621	34.456 34.464	27.389 27.398	32.090	27.381	77.1	15.166	٠.٥	1481.7	9677.6	8.1
1060.0	1051.5	3.647	3.570	34.471	27.409	32.192 32.295	27.391 27.401	76.2 75.3	15.319 15.471	.0	1481.9 1482.0	9979.1 10283.5	4.6 4.6
1080.0	1071.2	3.604	3.525	34.476	27.417	32.395	27.409	74.6	15.621	:0	1482.2	10590.9	5.5
1100.0	1091.0	3.568	3.488	34.483	27.426	32.497	27.419	73.8	15.769	.ŏ	1482.4	10901.2	5.5 3.2
1120.0 1140.0	1110.8	3.538	3.456	34.486	27.431	32.594	27.424	73.4	15.916	.0	1482.6	11214.4	. 6
1160.0	1130.6 1150.3	3.500 3.448	3.417 3.364	34.490 34.494	27.439 27.447	32.694	27.431	72.7	16.062	.0	1482.8	11530.5	5.0
1180.0	1170.1	3.427	3.341	34.500	27.454	32.794 32.893	27.439 27.446	72.0 71.5	16.207 16.351	.0	1482.9 1483.1	11849.4 12171.1	.3
1200.0													
1200.0 1220.0	1189.8 1209.6	3.409 3.336	3.322 3.248	34.509 34.512	27.463	32.993	27.455	70.7	16.493	.0	1483.4	12495.7	7.6
1240.0	1229.4	3.297	3.208	34.514	27.472 27.478	33.096 33.194	27.464 27.470	69.8 69.3	16.633 16.772	٠٥.	1483.4 1483.6	12822.9	1.2
1260.0	1249.1	3.263	3.172	34.518	27.484	33.292	27.476	68.8	16.910	.0	1483.8	13152.9 13485.6	4.1 5.0
1280.0	1268.9	3.222	3.130	34.521	27.491	33.390	27.482	68.2	17.047	.0	1483.9	13821.0	3.9
1300.0	1288.6	3.166	3.072	34.526	27.500	33.492	27.491	67.3	17.183	.0	1484.0	14159.1	7.4
1320.0 1340.0	1308.4 1328.1	3.128 3.087	3.033 2.991	34.528 34.533	27.506 27.513	33.590	27.497	66.8	17.317	٠,٥	1484.2	14499.8	6.2
1360.0	1347.9	3.042	2.945	34.536	27.520	33.690 33.789	27.504 27.511	66.1 65.5	17.450 17.581	.0	1484.4 1484.5	14843.1 15188.9	3.0 .4
1380.0	1367.6	3.006	2.908	34.541	27.527	33.888	27.518	64.9	17.712	.ŏ	1484.7	15537.3	3.0
1400.0	1387.3	2.974	2.874	34.543	27.532	33,986	27.523	64.4	17.841	.0	1484.9	15888.3	2.2
1420.0	1407.1	2.936	2.835	34.547	27.539	34.084	27.529	63.8	17.969	:0	1485.1	16241.7	1.9
1440.0	1426.8	2.897	2.795	34.551	27.545	34.183	27.536	63.2	18.096	.ŏ	1485.2	16597.6	2.8
1460.0	1446.6	2.869	2.766	34.553	27.549	34.279	27.540	62.9	18,222	.0	1485.5	16956.0	.7
1480.0 1500.0	1466.3 1486.0	2.844 2.799	2.739 2.694	34.556	27.554	34.375	27.545	62.5	18.347	.0	1485.7	17316.9	7.8
1520.0	1505.8	2.756	2.649	34.558 34.557	27.559 27.563	34.473 34.569	27.550 27.554	61.9 61.5	18.472 18.595	٠,	1485.8	17680.1	3.1
1540.0	1525.5	2.719	2.611	34.561	27.570	34.668	27.560	60.9	18.718	.0	1486.0 1486.1	18045.8 18413.8	3.4 2.5
1560.0	1545.2	2.685	2.576	34.564	27.575	34.765	27.565	60.4	18.839	.ŏ	1486.3	18784.3	2.8
1580.0	1564.9	2.637	2.527	34.569	27.583	34.866	27.573	59.6	18.959	.0	1486.5	19157.0	2.8
1600.0	1584.7	2.609	2.498	34.571	27.587	34.962	27.577	59.2	19.078	.0	1486.7	19532.1	2.9
1620.0	1604.4	2.591	2.478	34.573	27.591	35.057	27.581	59.0	19.196	.ŏ	1486.9	19909.5	
1640.0 1660.0	1624.1	2.570	2.455	34.573	27.592	35.150	27.583	58.8	19.314	.0	1487.2	20289.2	2.6
1680.0	1643.8 1663.5	2.533 2.485	2.418 2.369	34.577 34.581	27.598 27.606	35.248 35.348	27.589	58.2	19.431	.0	1487.4	20671.2	11.4
1700.0	1683.2	2.465	2.347	34.581	27.608	35.442	27.596 27.598	57.5 57.3	19.547 19.662	.0	1487.5 1487.7	21055.4 21441.8	1.4 1.7
1720.0	1702.9	2.422	2.303	34.585	27.615	35.541	27.605	56.6	19.776	.ŏ	1487.9	21830.5	6.7
1740.0	1722.7	2.385	2.264	34.588	27.620	35.638	27.610	56.1	19.888	.ŏ	1488.1	22221.4	3.5
1760.0 1780.0	1742.4 1762.1	2.360 2.335	2.239	34.588	27.623	35.732	27.612	55.8	20.000	.0	1488.3	22614.4	1.8
			2.212	34.590	27.626	35.827	27.616	55.5	20.111	.0	1488.5	23009.6	2.4
1800.0 1820.0	1781.8 1801.5	2.299	2.174	34.594	27.632	35.925	27.622	54.9	20.222	.0	1488.7	23406.9	3.6
1840.0	1821.2	2.281 2.251	2.155 2.124	34.595 34.598	27.635 27.640	36.020 36.116	27.625 27.630	54.6	20.331	٠,٥	1489.0	23806.4	2.4
1860.0	1840.9	2.230	2.101	34.600	27.644	36.211	27.633	54.2 53.8	20.440 20.548	.0	1489.2 1489.4	24208.0 24611.7	.1 1.5
1880.0	1860.6	2.213	2.083	34.604	27.648	36.306	27.637	53.5	20.656	.ŏ	1489.7	25017.4	1.9
1900.0	1880.3	2.200	2.069	34.605	27.650	36.399	27.639	53.3	20.763	.0	1490.0	25425.3	.7
1920.0 1940.0	1899.9 1919.6	2.182 2.162	2.050 2.028	34.608 34.611	27.654	36.494	27.643	53.0	20.869	.0	1490.2	25835.2	2.2
1960.0	1939.3	2.150	2.028	34.611	27.657 27.659	36.589 36.681	27.647 27.648	52.6 52.5	20.975	٠٥.	1490.5	26247.1	2.2
1980.0	1959.0	2.130	1.993	34.613	27.663	36.776	27.652	52.3	21.080 21.185	.0	1490.8 1491.0	26661.1 27077.1	1.6 1.3
2000.0	1978.7	2.117	1.979	34.614	27.664	36.869	27.653	52.1					
2050.0	2027.9	2.060	1,918	34.620	27.674	37.106	27.662	51.2	21.289 21.547	.0	1491.3 1491.9	27495.2 28549.0	5.2 .5
2094.0	2071.2	2.015	1.870	34.624	27.681	37.314	27.669	50.5	21.770	.ŏ	1492.4	29486.5	:ŏ

Station	97	Latitude	32° 20.	17'N	Longitu	ide 127°	30.13'W	06	May 1991	GMT 19	:40	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 80.0 90.0	.0 10.0 19.9 29.9 39.9 49.8 59.8 69.7 79.7	15.871 15.754 15.226 15.021 14.329 14.401 14.403 14.363 14.363 14.312 14.354	15.871 15.753 15.223 15.017 14.323 14.394 14.394 14.353 14.300 14.341	33.222 33.220 33.188 33.183 33.160 33.208 33.239 33.235 33.238 33.264	24.410 24.435 24.527 24.569 24.699 24.721 24.744 24.750 24.763 24.775	24.410 24.479 24.616 24.701 24.876 24.942 25.010 25.118 25.173	24.410 24.435 24.527 24.568 24.698 24.719 24.743 24.748 24.761 24.772	351.0 348.9 340.4 336.7 324.6 322.8 320.8 320.6 319.6 318.8	.000 .350 .693 1.032 1.361 1.685 2.006 2.327 2.647 2.966	0000000000	1508.0 1507.7 1506.2 1505.7 1503.6 1504.1 1504.3 1504.3 1504.3	.0 1.7 7.0 15.6 27.5 42.7 61.0 82.6 107.4 135.3	.0 105.4 18.9 124.0 37.2 21.4 4.4 2 15.6 4.5
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.2	14.386 14.074 12.019 11.256 10.693 10.125 9.812 9.590 9.343 9.110	14.372 14.058 12.004 11.240 10.676 10.108 9.795 9.572 9.323 9.089	33.284 33.284 33.077 33.060 33.086 33.164 33.211 33.312 33.411 33.530	24.784 24.850 25.096 25.223 25.343 25.501 25.590 25.706 25.823 25.953	25.226 25.337 25.632 25.806 25.972 26.177 26.312 26.474 26.637 26.813	24.781 24.847 25.093 25.220 25.340 25.498 25.587 25.702 25.820 25.950	318.2 312.2 288.6 276.6 265.2 250.3 242.0 231.1 220.1 207.8	3.285 3.601 3.901 4.185 4.454 4.713 4.958 5.194 5.420 5.634	0000000000	1504.9 1504.1 1497.1 1494.5 1492.7 1490.9 1490.0 1489.5 1488.9 1488.3	166.5 200.7 238.1 278.4 367.0 415.1 465.6 518.4 573.3	12.4 172.5 64.4 166.1 95.4 172.9 83.9 129.2 78.5 193.0
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	8.901 8.805 8.778 8.711 8.550 8.468 8.320 8.163 8.043 7.887	8.880 8.783 8.754 8.687 8.525 8.443 8.294 8.136 8.015 7.859	33.618 33.698 33.794 33.867 33.942 33.961 33.976 33.987 33.987	26.055 26.133 26.213 26.280 26.364 26.391 26.426 26.458 26.479 26.505	26.961 27.084 27.210 27.323 27.452 27.525 27.606 27.684 27.751 27.823	26.052 26.129 26.209 26.277 26.360 26.388 26.422 26.454 26.455 26.501	198.3 191.1 183.7 177.5 169.7 167.2 164.1 159.2 156.9	5.836 6.031 6.218 6.399 6.573 6.741 6.907 7.070 7.230 7.388		1487.8 1487.7 1487.9 1487.9 1487.5 1487.4 1487.0 1486.6 1486.3 1485.9	630.3 689.3 750.2 812.9 877.4 943.5 1011.3 1080.7 1151.7 1224.3	61.8 111.6 39.5 97.2 74.4 40.7 8.4 18.1 40.3 30.3
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.750 7.614 7.325 7.230 7.106 6.929 6.868 6.769 6.682 6.441	7.720 7.584 7.294 7.199 7.074 6.835 6.835 6.648 6.407	33.996 33.998 34.002 34.004 34.008 34.011 34.018 34.022 34.008	26.527 26.548 26.592 26.607 26.623 26.652 26.662 26.681 26.696 26.717	27.891 27.959 28.051 28.112 28.174 28.250 28.306 28.372 28.433 28.502	26.522 26.544 26.588 26.603 26.618 26.658 26.658 26.677 26.691 26.712	154.9 153.0 148.8 147.4 146.0 143.3 142.4 139.4	7.543 7.698 7.849 7.997 8.144 8.288 8.431 8.573 8.713 8.851	0000000000	1485.5 1485.2 1484.2 1484.0 1483.7 1483.2 1483.1 1482.9 1482.7 1481.9	1298.5 1374.2 1451.4 1530.0 1610.2 1691.7 1774.7 1859.1 1944.9 2032.1	6.9 27.9 9.4 10.3 33.1 12.0 7.9 2.3 11.1
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.7 417.6 427.5 437.4 447.3 467.2 477.1 487.0	6.275 6.182 6.0824 5.845 5.735 5.628 5.538 5.494 5.395	6.240 6.146 6.046 5.987 5.807 5.589 5.499 5.454 5.355	34.019 34.022 34.027 34.030 34.037 34.045 34.047 34.059 34.067 34.073	26.747 26.761 26.778 26.788 26.816 26.836 26.851 26.883 26.899	28.579 28.639 28.703 28.759 28.834 28.901 28.963 29.030 29.088 29.151	26.743 26.757 26.774 26.783 26.811 26.831 26.846 26.866 26.878 26.895	134.5 133.2 131.6 130.8 128.1 126.3 124.9 123.0 122.0 120.4	8.987 9.121 9.253 9.384 9.514 9.641 9.766 9.890 10.013		1481.4 1481.2 1481.0 1480.9 1480.4 1480.1 1479.8 1479.6 1479.6	2120.6 2210.5 2301.6 2394.1 2487.9 2582.9 2679.2 2776.7 2875.4 2975.3	10.2 22.7 12.5 18.6 30.0 18.3 13.6 26.2 11.5
500.0 510.0 520.0 530.0 540.0 550.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.6 546.5 556.4 576.3 586.2	5.334 5.263 5.190 5.150 5.154 5.119 5.085 5.008	5.293 5.222 5.148 5.107 5.064 5.109 5.074 5.039 4.962 4.931	34.082 34.086 34.095 34.115 34.126 34.154 34.155 34.156 34.170 34.175	26.914 26.925 26.941 26.962 26.975 26.997 27.002 27.022 27.029	29.212 29.270 29.332 29.400 29.459 29.521 29.572 29.624 29.690 29.743	26.909 26.920 26.936 26.957 26.970 26.987 26.997 27.017 27.024	119.1 118.0 116.6 114.7 113.5 112.1 111.7 111.3 109.4 108.8	10.254 10.372 10.490 10.606 10.720 10.833 10.945 11.056 11.166 11.275	00000000000	1479.3 1479.2 1479.1 1479.1 1479.5 1479.5 1479.5 1479.5 1479.4 1479.5	3076.4 3178.7 3282.2 3386.8 3492.5 3599.3 3707.3 3816.4 3926.5 4037.8	27.9 12.1 15.3 18.5 12.7 24.1 5.9 16.5 9.5
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.8 645.7 655.6 665.5 675.4	4.880 4.847 4.803 4.691 4.638 4.603 4.590 4.646 4.6609 4.600	4.832 4.799 4.754 4.642 4.589 4.552 4.539 4.556 4.556	34.186 34.192 34.200 34.201 34.216 34.229 34.241 34.264 34.279 34.293	27.049 27.057 27.069 27.082 27.100 27.115 27.125 27.138 27.154 27.166	29.810 29.865 29.924 29.983 30.048 30.109 30.166 30.223 30.285 30.343	27.044 27.052 27.064 27.076 27.095 27.109 27.120 27.132 27.148 27.160	106.9 106.2 105.1 103.9 102.2 100.9 100.0 99.0 97.6 96.5	11.383 11.490 11.595 11.700 11.803 11.905 12.005 12.005 12.203 12.299		1479.2 1479.3 1479.3 1479.0 1478.0 1479.0 1479.1 1479.5 1479.5	4150.1 4263.4 4377.8 4493.3 4609.7 4727.2 4845.7 4965.1 5085.5 5206.9	13.8 10.0 7.7 20.0 9.4 18.5 .6 15.0 9.5
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.544 4.500 4.495 4.419 4.410 4.324 4.288 4.256	4.490 4.445 4.442 4.409 4.352 4.287 4.266 4.229 4.196	34.297 34.301 34.308 34.320 34.322 34.331 34.333 34.343 34.353 34.353	27.175 27.184 27.189 27.202 27.209 27.217 27.226 27.236 27.247 27.254	30.399 30.454 30.505 30.564 30.617 30.672 30.727 30.784 30.841 30.894	27.169 27.177 27.183 27.196 27.203 27.211 27.220 27.230 27.241 27.248	95.6 94.9 94.4 93.3 92.7 92.0 91.2 90.3 89.2 88.7	12.396 12.491 12.585 12.679 12.772 12.865 12.956 13.047 13.137 13.226		1479.6 1479.8 1479.8 1479.8 1479.8 1479.9 1479.9 1479.9 1480.0	5329.2 5452.5 5576.7 5701.8 5827.9 5954.8 6082.7 6211.4 6341.1 6471.6	11.2 7.4 21.8 6.0 8.9 11.8 15.0 11.0 8.6 4.5
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.213 4.218 4.170 4.171 4.156 4.148 4.125 4.086 4.062 4.032	4.152 4.157 4.109 4.108 4.093 4.084 4.060 4.020 3.996 3.965	34.364 34.370 34.377 34.389 34.398 34.407 34.413 34.422 34.426 34.430	27.264 27.269 27.280 27.289 27.298 27.306 27.313 27.324 27.330 27.336	30.951 31.001 31.059 31.113 31.168 31.222 31.275 31.333 31.385 31.438	27.258 27.263 27.273 27.282 27.291 27.299 27.306 27.317 27.323 27.329	87.7 87.4 86.4 85.6 84.9 84.2 83.6 82.5 82.5	13.314 13.401 13.488 13.574 13.659 13.744 13.828 13.911 13.993 14.075		1480.0 1480.2 1480.2 1480.3 1480.4 1480.6 1480.7 1480.7 1480.8	6603.0 6735.2 6868.3 7002.3 7137.1 7272.7 7409.1 7546.4 7684.5 7823.4	14.2 11.8 11.0 7.5 10.7 6.9 13.3 6.0 2.5
900.0 910.0 920.0 930.0 940.0 950.0 970.0 980.0 990.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	3.999 3.975 3.956 3.928 3.903 3.878 3.857 3.824 3.810 3.791	3.931 3.907 3.887 3.859 3.833 3.807 3.786 3.752 3.738 3.718	34.435 34.443 34.447 34.453 34.457 34.459 34.462 34.463 34.463	27.344 27.351 27.355 27.361 27.368 27.374 27.378 27.383 27.386 27.391	31.492 31.544 31.595 31.647 31.700 31.752 31.802 31.854 31.903 31.954	27.337 27.344 27.348 27.354 27.361 27.367 27.371 27.376 27.378 27.383	80.8 80.2 79.8 79.3 78.7 78.2 77.9 77.3 77.2 76.7	14.156 14.236 14.316 14.396 14.475 14.553 14.632 14.709 14.786 14.863	0000000000	1480.8 1480.9 1481.0 1481.0 1481.1 1481.2 1481.3 1481.3 1481.4 1481.5	7963.1 8103.5 8244.8 8386.8 8529.7 8673.3 8817.6 8962.7 9108.6 9255.3	6.6 7.5 8.1 4.0 13.4 5.5 5.2 4.0 6.1

	97	Latitude	32° 20.	47'N	Longitu	ide 127°	30.13'W	06	May 1991	GMT 19	:40	Bottom	4225 m
Pres. db	Depth m	Temp. *C	Pot.T.	Sal 0/00	Sigma-9 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m ³ /s ²	N ² 10 ⁶ /s ²
1000.0 1020.0 1040.0 1060.0 1100.0 1120.0 1140.0 1160.0 1180.0	992.2 1011.9 1031.7 1051.5 1071.3 1091.0 1110.8 1130.6 1150.3 1170.1	3.765 3.720 3.675 3.634 3.589 3.533 3.487 3.442 3.392 3.341	3.691 3.645 3.598 3.556 3.510 3.453 3.406 3.360 3.308 3.256	34.468 34.475 34.480 34.485 34.489 34.501 34.506 34.508 34.510	27.395 27.404 27.413 27.421 27.429 27.439 27.448 27.457 27.463 27.471	32.004 32.106 32.207 32.307 32.408 32.510 32.612 32.713 32.812 32.912	27.387 27.397 27.406 27.413 27.421 27.440 27.449 27.449 27.455 27.462	76.4 75.5 74.8 74.1 73.4 72.5 71.7 70.9 70.3 69.7	14.940 15.092 15.242 15.391 15.539 15.685 15.829 15.972 16.113 16.253	000000000000	1481.5 1481.7 1481.8 1482.0 1482.1 1482.2 1482.4 1482.5 1482.7 1482.8	9402.6 9699.7 9999.6 10302.5 10608.3 10917.0 11228.5 11542.8 11859.9	4.9 4.6 2.5 2.4 1.1 3.5
1200.0 1220.0 1240.0 1260.0 1280.0 1300.0 1320.0 1340.0 1360.0 1380.0	1189.8 1209.6 1229.4 1249.1 1268.9 1288.6 1308.4 1328.1 1347.9 1367.6	3.296 3.260 3.214 3.174 3.139 3.088 3.049 3.014 2.975	3.210 3.173 3.154 3.123 3.082 3.046 2.994 2.953 2.917 2.877	34.515 34.520 34.526 34.529 34.533 34.533 34.533 34.543	27.478 27.484 27.488 27.495 27.502 27.508 27.517 27.522 27.528 27.534	33.012 33.110 33.205 33.304 33.403 33.501 33.603 33.700 33.798 33.896	27.470 27.476 27.480 27.487 27.493 27.508 27.513 27.513 27.519 27.525	69.0 68.5 68.2 67.6 67.0 66.5 65.7 65.7	16.392 16.529 16.666 16.802 16.937 17.070 17.202 17.333 17.463 17.592	00000000000	1482.9 1483.1 1483.6 1483.7 1483.9 1484.0 1484.2 1484.4	12502.3 12827.6 13155.5 13486.1 13819.3 14155.2 14493.6 14834.6 15178.1 15524.2	9 .6 5.9 3.3 2.4 1.5 2.1 2.7
1400.0 1420.0 1440.0 1460.0 1500.0 1520.0 1540.0 1560.0 1580.0	1387.4 1407.1 1426.8 1446.6 1466.3 1486.0 1505.8 1525.5 1545.2 1564.9	2.932 2.879 2.851 2.811 2.789 2.757 2.725 2.725 2.670 2.642	2.833 2.779 2.750 2.708 2.685 2.652 2.618 2.592 2.560 2.532	34.549 34.554 34.556 34.561 34.563 34.569 34.572 34.574	27.540 27.549 27.553 27.559 27.563 27.568 27.573 27.577 27.583 27.586	33.995 34.096 34.193 34.291 34.387 34.483 34.580 34.677 34.774 34.869	27.531 27.540 27.544 27.550 27.554 27.559 27.563 27.568 27.573 27.577	63.5 62.7 62.3 61.8 61.4 61.0 60.5 60.1	17.719 17.845 17.970 18.094 18.217 18.340 18.461 18.582 18.582 18.820	00000000000	1484.7 1484.8 1485.0 1485.2 1485.5 1485.6 1486.3 1486.3	15872.8 16273.8 16577.2 16933.1 17291.4 17652.1 18015.1 18380.5 18748.3 19118.3	6.5 8.6 5.1 .4 1.3 .8 4.0 -1.6
1600.0 1620.0 1640.0 1660.0 1700.0 1720.0 1740.0 1760.0	1584.7 1604.4 1624.1 1643.8 1663.5 1683.3 1703.0 1722.7 1742.4 1762.1	2.600 2.572 2.554 2.530 2.507 2.474 2.449 2.405 2.384 2.348	2.488 2.460 2.439 2.414 2.390 2.356 2.330 2.285 2.262 2.225	34.577 34.579 34.581 34.584 34.586 34.588 34.590 34.590 34.592 34.596	27.593 27.597 27.600 27.604 27.608 27.613 27.617 27.620 27.623 27.629	34.968 35.064 35.158 35.254 35.349 35.446 35.638 35.732 35.830	27.583 27.587 27.590 27.595 27.598 27.603 27.607 27.610 27.613 27.619	58.3 58.7 57.4 56.5 56.5 55.3	18.939 19.056 19.172 19.288 19.403 19.517 19.630 19.743 19.743 19.855 19.966	0000000000	1486.7 1486.9 1487.1 1487.4 1487.6 1488.8 1488.0 1488.2 1488.4 1488.6	19490.7 19865.3 20242.2 20621.3 21002.7 21386.3 21772.2 22160.2 22550.4 22942.7	5.2 2.0 2.3 3.8 3.2 1.8 1.5
1800.0 1820.0 1840.0 1860.0 1880.0 1900.0 1920.0 1940.0 1960.0	1781.8 1801.5 1821.2 1840.9 1860.6 1880.3 1900.0 1919.7 1939.3 1959.0	2.328 2.309 2.276 2.246 2.216 2.196 2.193 2.179 2.161 2.149	2.203 2.183 2.149 2.118 2.086 2.065 2.060 2.045 2.025 2.012	34.597 34.598 34.602 34.604 34.607 34.610 34.610 34.613 34.613	27.632 27.635 27.641 27.645 27.650 27.654 27.654 27.657 27.660 27.661	35.924 36.019 36.116 36.212 36.309 36.403 36.495 36.589 36.682 36.774	27.622 27.625 27.630 27.635 27.640 27.643 27.644 27.647 27.649 27.650	55.0 54.2 53.7 53.3 52.9 52.7 52.5 52.5	20.076 20.186 20.295 20.403 20.510 20.616 20.722 20.827 20.933 21.038	.0000000000	1488.8 1489.1 1489.3 1489.5 1489.7 1490.0 1490.6 1490.8 1491.1	23337.2 23733.8 24132.5 24533.3 24536.2 25341.2 25748.2 26157.3 26568.4 26981.5	2.1 5.0 2.1 1.0 4.2 5 1.0 2.5
2000.0 2050.0 2094.0	1978.7 2027.9 2071.2	2.121 2.077 2.030	1.982 1.935 1.885	34.616 34.620 34.625	27.666 27.673 27.680	36.870 37.104 37.312	27.654 27.662 27.669	52.0 51.3 50.7	21.142 21.400 21.625	.0	1491.3 1492.0 1492.5	27396.6 28443.2 29374.5	1.4 .5 .0

Station	98	Latitude	32. 06.	23'N	Longitu	ıde 127°	37.65'W	06	May 1991	GMT 22	:33	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.9 49.8 59.8 69.7 79.7	15.985 15.914 15.378 15.323 15.285 15.331 15.078 15.238 15.096	15.985 15.913 15.375 15.319 15.365 15.278 15.322 15.068 15.226 15.082	33.297 33.285 33.261 33.255 33.355 33.391 33.428 33.428 33.455 33.455	24.449 24.550 24.558 24.625 24.672 24.690 24.717 24.732 24.763	24.442 24.493 24.638 24.690 24.802 24.892 24.955 25.085 25.159	24.449 24.550 24.557 24.624 24.670 24.688 24.714 24.730 24.760	347.9 347.6 338.2 337.8 331.7 327.5 326.1 323.9 322.7 320.1	.000 .348 .689 1.027 1.363 1.692 2.019 2.343 2.667 2.989	0000000000	1508.4 1508.3 1506.8 1507.2 1507.1 1507.5 1506.8 1507.6 1507.3	.0 1.7 6.9 15.5 27.4 42.6 61.1 82.8 107.7	.0 88.4 14.3 14.5 118.8 14.6 21.6 6.4 63.5
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 169.2 189.2	14.754 14.429 13.757 12.309 11.505 10.812 10.420 10.515 9.967 9.556	14.739 14.413 13.740 12.292 11.488 10.795 10.401 10.495 9.947 9.535	33.372 33.319 33.232 33.109 33.061 33.151 33.238 33.238 33.359 33.409	24.774 24.803 24.875 25.066 25.179 25.333 25.441 25.493 25.787	25.215 25.289 25.408 25.646 25.806 26.007 26.162 26.257 26.257 26.646	24.771 24.799 24.872 25.063 25.175 25.330 25.438 25.489 25.677 25.784	319.3 316.8 310.0 291.8 281.1 266.5 256.3 251.6 233.9 223.8	3.308 3.625 3.939 4.240 4.526 4.800 5.062 5.315 5.557 5.784		1506.2 1505.3 1503.1 1498.3 1495.6 1493.3 1492.1 1492.8 1491.1 1489.8	167.3 201.8 239.4 280.2 323.8 370.2 419.3 470.9 525.0 581.4	42.9 14.2 82.0 143.5 101.2 134.4 84.0 155.8 196.7 27.0
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.8 268.7 278.6 288.5	9.317 9.208 9.040 8.835 8.718 8.601 8.510 8.390 8.171 8.006	9.295 9.185 9.017 8.811 8.693 8.575 8.483 8.362 8.142 7.977	33.502 33.574 33.725 33.772 33.881 33.924 33.958 33.981 33.985 33.985	25.899 25.973 26.117 26.187 26.291 26.342 26.383 26.419 26.456 26.486	26.803 26.923 27.113 27.228 27.378 27.475 27.562 27.644 27.727 27.804	25.896 25.969 26.113 26.183 26.287 26.338 26.379 26.415 26.451 26.482	213.3 206.5 192.9 186.4 176.7 172.0 168.3 164.9 161.6 158.7	6.004 6.215 6.416 6.604 6.787 6.961 7.131 7.298 7.461 7.621		1489.2 1489.1 1488.8 1488.2 1488.1 1487.7 1487.7 1487.5 1486.8 1486.4	640.0 700.7 763.5 828.2 894.8 963.1 1033.1 1104.8 1178.1 1253.0	150.3 68.3 150.3 72.3 118.9 37.5 35.4 42.1 34.5 20.1
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.4 328.3 338.2 348.1 358.1 368.0 377.9 387.9	7.903 7.792 7.636 7.528 7.315 7.147 6.965 6.835 6.718 6.565	7.873 7.761 7.605 7.496 7.283 7.114 6.932 6.801 6.683 6.530	33.998 33.999 34.002 34.004 34.006 34.004 34.003 34.004 34.006	26.506 26.523 26.548 26.565 26.597 26.622 26.661 26.661 26.669	27.869 27.933 28.004 28.067 28.146 28.218 28.287 28.351 28.414 28.482	26.501 26.519 26.544 26.560 26.592 26.617 26.639 26.656 26.673 26.694	157.0 155.5 153.1 151.7 148.7 146.3 144.3 142.7 142.2	7.778 7.935 8.089 8.241 8.392 8.540 8.685 8.828 8.970 9.110	.0000000000	1486.1 1485.9 1485.4 1485.2 1484.5 1484.0 1483.5 1483.1 1482.8 1482.4	1329.5 1407.5 1487.0 1568.1 1650.7 1734.8 1820.3 1907.2 1995.5 2085.3	13.9 21.8 27.4 20.6 24.7 34.3 34.9 27.8 12.6
400.0 410.0 420.0 430.0 440.0 450.0 460.0 480.0 490.0	397.8 407.7 417.6 427.5 437.5 447.4 457.3 467.2 477.1 487.1	6.414 6.402 6.259 6.090 5.913 5.855 5.750 5.643 5.548	6.379 6.365 6.222 6.052 5.876 5.817 5.711 5.603 5.538 5.458	34.011 34.018 34.024 34.030 34.037 34.044 34.049 34.054 34.065	26.723 26.726 26.749 26.775 26.802 26.815 26.850 26.850 26.881	28.553 28.602 28.672 28.745 28.820 28.879 28.944 29.008 29.067 29.131	26.718 26.721 26.744 26.770 26.798 26.810 26.828 26.845 26.845 26.876	136.9 136.8 134.6 132.1 129.5 128.3 126.7 125.1 123.9 122.3	9.248 9.385 9.521 9.654 9.785 9.914 10.041 10.167 10.292 10.415		1481.9 1482.1 1481.7 1481.2 1480.6 1480.6 1480.3 1480.0 1479.9 1479.8	2176.4 2268.9 2362.7 2457.8 2554.3 2652.0 2751.0 2851.2 2952.7 3055.4	35.4 17.5 21.6 15.1 17.4 10.4 16.5 12.7 15.9 20.6
500.0 510.0 520.0 530.0 550.0 550.0 570.0 580.0 590.0	497.0 506.8 516.8 526.7 536.7 546.6 556.4 5766.3	5.429 5.346 5.302 5.232 5.163 5.115 5.024 4.912 4.852 4.799	5.388 5.305 5.260 5.189 5.120 5.071 4.980 4.867 4.866 4.753	34.078 34.091 34.096 34.104 34.111 34.114 34.120 34.128 34.128 34.137 34.146	26.899 26.919 26.928 26.943 26.957 26.965 26.980 26.999 27.013 27.026	29.197 29.263 29.319 29.380 29.440 29.455 29.556 29.623 29.684 29.743	26.895 26.915 26.923 26.938 26.952 26.960 26.975 26.994 27.008 27.021	120.5 118.7 117.9 116.6 115.3 114.6 113.2 111.3 110.0 108.9	10.536 10.656 10.774 10.891 11.007 11.122 11.348 11.348 11.459 11.568	.0000000000	1479.7 1479.5 1479.5 1479.4 1479.3 1479.1 1478.8 1478.8 1478.7	3159.3 3264.4 3370.7 3478.1 3586.7 3696.4 3807.2 3919.2 4032.3 4146.4	29.7 24.7 18.5 6.5 11.2 1.5 20.6 8.0 16.4 20.8
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0	596.2 606.1 616.0 625.9 635.8 645.6 655.6 665.5 675.4 685.3	4.746 4.696 4.643 4.598 4.592 4.526 4.486 4.438 4.438	4.700 4.648 4.595 4.550 4.532 4.476 4.436 4.387 4.355 4.326	34.154 34.163 34.176 34.187 34.201 34.214 34.223 34.223 34.243 34.251	27.039 27.051 27.068 27.081 27.094 27.110 27.122 27.138 27.147 27.156	29.802 29.861 29.925 29.984 30.044 30.106 30.164 30.226 30.282 30.337	27.033 27.046 27.063 27.075 27.089 27.105 27.117 27.132 27.141 27.150	107.7 106.6 105.0 103.9 102.7 101.2 100.1 98.7 97.8 97.0	11.676 11.783 11.889 11.994 12.097 12.199 12.299 12.399 12.497 12.594		1478.6 1478.6 1478.6 1478.6 1478.6 1478.6 1478.6 1478.6 1478.7	4261.6 4377.9 4495.2 4613.6 4732.9 4853.3 4974.7 5097.1 5220.4 5344.7	10.6 19.7 10.0 5.9 12.9 16.1 17.6 18.2 3.8 12.0
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.2 715.0 725.0 734.9 754.7 764.6 774.5 784.4	4.338 4.330 4.316 4.331 4.302 4.258 4.229 4.229 4.230 4.212	4.285 4.276 4.262 4.276 4.246 4.201 4.171 4.197 4.171	34.260 34.262 34.277 34.293 34.301 34.308 34.317 34.338 34.348 34.357	27.167 27.170 27.184 27.195 27.205 27.215 27.225 27.239 27.250 27.259	30.395 30.444 30.503 30.560 30.616 30.672 30.729 30.788 30.845 30.900	27.162 27.165 27.178 27.189 27.198 27.209 27.219 27.233 27.243 27.253	96.0 95.8 94.7 93.7 92.9 92.0 91.0 89.9 88.9	12.691 12.787 12.882 12.976 13.070 13.162 13.254 13.344 13.434 13.522		1478.7 1478.9 1479.0 1479.2 1479.3 1479.3 1479.6 1479.7 1479.8	5469.9 5596.1 5723.3 5851.3 5980.3 6110.2 6241.0 6372.7 6505.3 6638.8	9.4 2.4 13.8 7.4 9.2 3.0 19.1 11.8 14.2 8.0
800.0 810.0 820.0 830.0 840.0 850.0 870.0 880.0 890.0	794.3 804.2 814.1 824.0 833.9 8453.7 863.6 873.5 883.4	4.200 4.202 4.182 4.163 4.141 4.143 4.112 4.076 4.043 4.023	4.140 4.141 4.120 4.101 4.078 4.078 4.048 4.011 3.977 3.957	34.364 34.373 34.384 34.387 34.389 34.406 34.408 34.415 34.420	27.266 27.273 27.284 27.288 27.292 27.300 27.309 27.315 27.323 27.329	30.953 31.006 31.062 31.113 31.163 31.216 31.272 31.323 31.379 31.431	27.260 27.267 27.277 27.282 27.285 27.285 27.302 27.308 27.308 27.316 27.322	87.5 87.0 86.0 85.7 85.4 84.7 83.9 83.4 82.6	13.610 13.697 13.784 13.870 13.955 14.040 14.124 14.208 14.291 14.373	.0000000000	1479.9 1480.1 1480.2 1480.3 1480.6 1480.6 1480.6 1480.7 1480.7	6773.1 6908.3 7044.3 7181.2 7318.9 7457.5 7596.9 7737.1 7878.1 8020.0	11.2 18.3 5.7 .4 1.3 8.9 3.1 8.4 8.4
900.0 910.0 920.0 930.0 940.0 950.0 960.0 980.0 990.0	893.3 903.2 913.0 923.0 932.8 942.7 952.6 962.5 972.4 982.3	4.000 3.968 3.946 3.941 3.912 3.887 3.849 3.842 3.824 3.800	3.933 3.900 3.878 3.871 3.842 3.816 3.778 3.770 3.751 3.727	34.428 34.432 34.434 34.437 34.443 34.449 34.451 34.455 34.460	27.334 27.342 27.347 27.355 27.362 27.371 27.374 27.378 27.384	31.481 31.536 31.587 31.635 31.687 31.740 31.795 31.844 31.895 31.947	27.327 27.335 27.340 27.347 27.354 27.364 27.366 27.371 27.377	81.7 81.0 80.5 80.5 79.9 79.3 78.3 77.9	14.455 14.537 14.618 14.698 14.778 14.858 14.937 15.015 15.093 15.171		1480.8 1480.9 1480.9 1481.1 1481.1 1481.2 1481.2 1481.3 1481.4 1481.5	8162.6 8306.0 8450.3 8595.3 8741.1 8887.7 9035.1 9183.3 9332.2 9481.9	6.6 2.5 5.4 3.7 9.0 -2.2 7.8 4.0 8.4

Station	98	Latitude	32' 06.	23'N	Longitu	de 127°	37.65'W	06	May 1991	GMT 22	2:33	Bottom	4315 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t		Dyn. Ht	LTR	sv	TF m ³ /s ²	N ²
ďb	m	•c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	j J/kg	0/0	m/s	m ³ /s ²	10 ⁶ /s ²
1000.0 1020.0	992.2 1012.0	3.768	3.694	34.465	27.392	32.001	27.385	76.7	15.248	.0	1481.5	9632.3	6.1
1040.0	1031.8	3.730 3.697	3.655 3.621	34.472 34.479	27.401 27.410	32.102	27.393	75.9	15.401	.0	1481.7	9935.4	6.1 7.2
1060.0	1051.5	3.676	3.598	34.484	27.410	32.204	27.403 27.408	75.1 74.7	15.552 15.701	.0	1481.9 1482.2	10241.5 10550.5	4.9
1080.0	1071.3	3.631	3.551	34.491	27.426	32.404	27.419	73.8	15.850	.ŏ	1482.3	10862.5	3.2 8.7
1100.0	1091.1	3.572	3.491	34.496	27.437	32.507	27.429	72.9	15.997	.ŏ	1482.4	11177.3	5.2
1120.0 1140.0	1110.8 1130.6	3.538 3.489	3.456	34.499	27.442	32.604	27.434	72.5	16.142	.0	1482.6	11495.0	-1.2
1160.0	1150.4	3.447	3.406 3.363	34.504 34.509	27.451 27.459	32.705 32.806	27.443 27.451	71.6 70.9	16.286	.0	1482.7	11815.6	1.7
1180.0	1170.2	3.394	3.308	34.511	27.466	32.906	27.458	70.2	16.429 16.570	.0	1482.9 1483.0	12138.9 12465.0	6.4 -2.0
1200.0	1189.9	3.371	3.284	34.514	27.471	33.002							
1220.0	1209.7	3.322	3.234	34.517	27.478	33.101	27.462 27.469	69.9 69.3	16.710 16.850	.0	1483.2 1483.4	12793.9 13125.4	.0 5.6
1240.0	1229.4	3.263	3.174	34.521	27.487	33.203	27.478	68.4	16.987	ĕ	1483.4	13459.7	5.3
1260.0	1249.2	3.216	3.126	34.525	27.495	33.304	27.486	67.7	17,123	.ŏ	1483.6	13796.7	3.9
1280.0 1300.0	1268.9 1288.7	3.184 3.141	3.092	34.528	27.500	33.401	27.491	67.2	17.258	.0	1483.8	14136.2	10.0
1320.0	1308.4	3.111	3.048 3.017	34.532 34.533	27.507 27.511	33.501 33.596	27.499 27.502	66.6	17.392	.0	1483.9	14478.4	.1
1340.0	1328.2	3.087	2.992	34.537	27.517	33.694	27.508	66.3 65.8	17.524 17.656	.0	1484.1 1484.4	14823.2 15170.6	4.5 1.8
1360.0	1347.9	3.050	2.954	34.540	27.522	33.791	27.513	65.3	17.788	.ŏ	1484.6	15520.6	7.1
1380.0	1367.7	3.000	2.902	34.544	27.530	33.892	27.521	64.5	17.917	.0	1484.7	15873.1	6.0
1400.0	1387.4	2.977	2.878	34.547	27.535	33.988	27.526	64.2	18.046	.0	1484.9	16228,1	4.5
1420.0 1440.0	1407.2	2.940	2.839	34.550	27.540	34.086	27.531	63.7	18.174	.0	1485.1	16585.6	4.2
1460.0	1426.9 1446.6	2.910 2.868	2.808 2.765	34.553 34.556	27.545 27.552	34.183	27.536	63.2	18.301	.0	1485.3	16945.5	4.5
1480.0	1466.4	2.826	2.722	34.559	27.558	34.282 34.380	27.543 27.549	62.6 62.0	18.427 18.551	.0	1485.5 1485.6	17308.0 17672.9	4.0
1500.0	1486.1	2.802	2.696	34.561	27.562	34.476	27.553	61.7	18.675	.ŏ	1485.8	18040.1	6.9 5.1
1520.0	1505.8	2.771	2.664	34.564	27.567	34.573	27.558	61.2	18,798	.ŏ	1486.0	18409.8	1.6
1540.0 1560.0	1525.6 1545.3	2.740 2.707	2.632 2.598	34.566	27.572	34.669	27.562	60.8	18.920	.0	1486.2	18781.9	2.2
1580.0	1565.0	2.669	2.558	34.569 34.570	27.576 27.581	34.766 34.863	27.567 27.572	60.4 59.9	19.041	٠٥.	1486.4	19156.3	2.3
									19.161	.0	1486.6	19533.1	.8
1600.0 1620.0	1584.7 1604.5	2.627 2.602	2.515 2.489	34.575 34.576	27.589 27.592	34.963	27.579	59.2	19.280	.0	1486.8	19912.1	2.3
1640.0	1624.2	2.577	2.462	34.578	27.596	35.058 35.153	27.582 27.586	58.9 58.5	19.398 19.515	٠٥.	1487.0	20293.5	4.0
1660.0	1643.9	2.560	2.444	34.580	27.599	35.247	27.589	58.3	19.632	.0	1487.2 1487.5	20677.2 21063.1	3.2 4.4
1680.0	1663.6	2.525	2.408	34.583	27.604	35.345	27.594	57.8	19.748	.ŏ	1487.7	21451.3	2.6
1700.0 1720.0	1683.3 1703.0	2.491 2.464	2.373 2.345	34.586	27.609	35.442	27.599	57.3	19.863	.0	1487.9	21841.8	3.5
1740.0	1722.7	2.432	2.312	34.588 34.591	27.614 27.619	35.538 35.635	27.604 27.609	56.9 56.4	19.978	٠,٥	1488.1	22234.4	5.3
1760.0	1742.4	2.405	2.283	34.594	27.624	35.731	27.614	55.9	20.091 20.203	.0	1488.3 1488.5	22629.3 23026.4	7.3 3
1780.0	1762.2	2.391	2.267	34.595	27.625	35.824	27.615	55.8	20.315	.ŏ	1488.8	23425.6	3.3
1800.0	1781.9	2.363	2.238	34.597	27.630	35.920	27.619	55.4	20.426	.0	1489.0	23826.9	5.0
1820.0	1801.6	2.342	2.215	34.600	27.634	36.015	27.623	55.0	20.536	.0	1489.2	24230.5	2.7
1840.0 1860.0	1821.3	2.316	2.188	34.602	27.638	36.111	27.627	54.7	20.646	.0	1489.5	24636.1	1.6
1880.0	1841.0 1860.7	2.286 2.263	2.157 2.133	34.604 34.607	27.642	36.207	27.632	54.2	20.755	.0	1489.7	25043.9	3.9
1900.0	1880.3	2.248	2.116	34.607	27.646 27.648	36.302 36.395	27.635 27.637	53.9 53.7	20.863 20.971	٠,	1489.9	25453.7	5
1920.0	1900.0	2.230	2.096	34.608	27.650	36.488	27.639	53.5	21.078	.0	1490.2 1490.4	25865.7 26279.7	.4 .4
1940.0	1919.7	2.204	2.070	34.611	27.654	36.584	27.643	53.1	21.184	:0	1490.7	26695.8	4.6
1960.0 1980.0	1939.4 1959.1	2.180 2.158	2.044	34.612	27.657	36.679	27.647	52.8	21.290	.0	1490.9	27113.9	4.6
			2.021	34.615	27.661	36.774	27.650	52.5	21.396	.0	1491.1	27534.1	1.6
2000.0 2050.0	1978.8 2028.0	2.138 2.096	1.999	34.617	27.665	36.868	27.654	52.1	21.500	.0	1491.4	27956.3	-1.0
2094.0	2071.3	2.056	1.954 1.910	34.622 34.625	27.672 27.678	37.103 37.309	27.661	51.5	21.759	.0	1492.0	29020.6	1
					~ 1.010	31.309	27.667	50.9	21.985	.0	1492.6	29967.4	.0

Station		Latitude		42'N	Longit	ide 127°	43.61'W	06	May 1991	GMT 1	:30	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.9 49.8 59.8 69.7 79.7	16.038 16.034 15.424 15.436 15.553 15.580 15.664 15.706 15.797 15.823	16.038 16.032 15.421 15.432 15.547 15.573 15.655 15.784 15.809	33.286 33.284 33.268 33.302 33.417 33.535 33.607 33.657 33.706 33.747	24.422 24.421 24.545 24.570 24.633 24.717 24.755 24.784 24.802 24.828	24.422 24.465 24.634 24.702 24.809 24.938 25.019 25.092 25.23	24.422 24.421 24.545 24.569 24.716 24.753 24.782 24.799 24.825	349.8 350.2 338.7 336.7 331.0 323.2 320.0 317.5 316.2 314.0	.000 .350 .691 1.029 1.363 1.690 2.011 2.330 2.647 2.963	00000000000	1508.5 1508.7 1506.9 1507.2 1507.8 1508.2 1508.7 1509.6 1509.9	.0 1.7 6.9 15.5 27.4 42.6 61.1 82.7 107.5 135.4	.0 197.1 9.9 67.3 46.8 57.7 21.1 27.0 11.5 46.6
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.2	15.417 14.432 14.026 13.184 12.720 11.571 10.939 10.326 10.120 9.693	15.402 14.416 14.009 13.166 12.701 11.552 10.920 10.306 10.099 9.672	33.729 33.654 33.661 33.595 33.593 33.472 33.454 33.411 33.486 33.588	24.905 25.060 25.152 25.272 25.362 25.486 25.586 25.754 25.904	25.346 25.547 25.683 25.849 25.986 26.157 26.304 26.425 26.565 26.762	24.902 25.057 25.148 25.268 25.359 25.483 25.583 25.656 25.750 25.901	306.9 292.3 283.8 272.5 264.0 252.2 242.7 235.7 227.0 212.7	3.274 3.575 3.862 4.141 4.410 4.667 4.916 5.156 5.387 5.609	0000000000	1508.8 1505.7 1504.6 1501.8 1500.4 1494.4 1494.4 1492.3 1491.8 1490.5	166.5 200.6 237.6 277.4 320.0 365.2 412.8 462.9 515.4 570.1	81.1 63.1 50.1 160.7 139.2 29.5 146.2 122.6 62.6 211.8
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.387 9.325 9.139 8.980 8.740 8.680 8.497 8.378 8.168 7.995	9.365 9.303 9.115 8.955 8.715 8.653 8.470 8.350 8.139 7.966	33.684 33.706 33.740 33.747 33.810 33.870 33.948 33.948 33.967 33.985 33.994	26.030 26.056 26.114 26.144 26.231 26.288 26.377 26.410 26.456 26.489	26.934 27.006 27.109 27.185 27.318 27.420 27.556 27.635 27.727 27.806	26.026 26.053 26.110 26.140 26.227 26.284 26.373 26.406 26.452 26.485	200.9 198.6 193.3 190.5 182.4 177.2 168.8 165.8 161.5 158.5	5.813 6.013 6.208 6.400 6.587 6.768 6.940 7.107 7.270 7.430	.00000000000	1489.7 1489.7 1489.2 1488.7 1488.1 1488.1 1487.7 1487.4 1486.8 1486.3	626.8 685.6 746.4 809.0 873.6 939.9 1008.0 1077.8 1149.2 1222.2	12.4 119.6 15.0 36.9 84.3 123.3 435.1 19.6 9.0
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.895 7.712 7.594 7.462 7.254 7.158 6.970 6.826 6.778 6.696	7.866 7.682 7.563 7.430 7.221 7.125 6.937 6.792 6.743 6.660	33.997 34.000 33.999 34.001 34.002 34.004 34.002 34.004 34.002	26.506 26.535 26.552 26.572 26.602 26.617 26.663 26.668 26.668	27.869 27.946 28.008 28.075 28.152 28.213 28.285 28.353 28.403 28.463	26.501 26.531 26.547 26.568 26.598 26.612 26.637 26.658 26.663 26.676	157.0 154.2 152.8 150.9 148.1 146.8 144.5 142.5 142.2 141.0	7.588 7.744 7.897 8.049 8.199 8.346 8.492 8.636 8.778 8.919	.00000000000	1486.1 1485.6 1485.3 1484.9 1484.1 1483.5 1483.1 1483.1 1483.1	1296.8 1373.0 1450.6 1529.8 1610.5 1692.6 1776.2 1861.2 1947.7 2035.5	32.4 47.0 7.2 32.3 23.8 23.5 11.2 23.1 17.9
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.8 407.7 417.6 427.5 437.5 447.4 457.3 467.2 477.1	6.519 6.382 6.240 6.071 5.939 5.827 5.739 5.640 5.584 5.434	6.484 6.346 6.203 6.034 5.902 5.789 5.700 5.601 5.544 5.394	34.009 34.015 34.015 34.024 34.022 34.028 34.036 34.037 34.046 34.053	26.708 26.730 26.749 26.777 26.793 26.811 26.828 26.841 26.855 26.878	28.537 28.606 28.672 28.748 28.810 28.876 28.939 28.939 29.059 29.130	26.703 26.725 26.744 26.772 26.788 26.806 26.824 26.836 26.850 26.874	138.4 136.3 134.6 131.9 130.4 128.7 127.1 125.9 124.7 122.4	9.059 9.196 9.332 9.465 9.726 9.854 9.980 10.105 10.229	0000000000	1482.4 1482.0 1481.1 1481.7 1480.7 1480.3 1480.0 1479.5	2124.7 2215.3 2307.3 2400.5 2495.1 2591.0 2688.1 2786.5 2886.1 2987.0	11.7 12.8 28.6 11.3 12.5 13.3 28.0 2.2 14.5 17.7
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.6 556.5 566.4 576.3 586.2	5.402 5.320 5.249 5.161 5.056 4.947 4.899 4.843 4.795	5.361 5.278 5.207 5.118 5.013 4.904 4.855 4.863 4.797 4.749	34.062 34.070 34.078 34.080 34.090 34.098 34.110 34.132 34.145 34.154	26.890 26.906 26.921 26.933 26.952 26.971 26.986 27.003 27.021 27.033	29.188 29.250 29.312 29.371 29.438 29.504 29.565 29.627 29.691 29.750	26.885 26.901 26.916 26.928 26.948 26.966 26.981 26.997 27.015 27.028	121.4 119.9 118.6 117.4 115.6 113.7 112.4 111.0 109.3 108.2	10.351 10.471 10.591 10.709 10.825 10.940 11.053 11.165 11.275 11.384	0000000000	1479.6 1479.4 1479.3 1479.1 1478.8 1478.6 1478.6 1478.8 1478.7	3089.0 3192.3 3296.7 3402.4 3509.1 3617.0 3726.1 3836.2 3947.5 4059.8	5.7 8.0 .4 29.1 19.7 20.5 16.1 20.3
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 616.0 625.9 635.8 645.7 655.6 665.5 675.4 685.3	4.748 4.705 4.651 4.669 4.544 4.522 4.480 4.461 4.422 4.381	4.702 4.658 4.603 4.561 4.495 4.472 4.430 4.410 4.370 4.328	34.164 34.178 34.191 34.196 34.200 34.204 34.218 34.226 34.235 34.250	27.046 27.063 27.078 27.087 27.097 27.103 27.119 27.128 27.139 27.155	29.810 29.873 29.935 29.990 30.047 30.099 30.161 30.216 30.273 30.337	27.041 27.057 27.073 27.082 27.092 27.098 27.114 27.122 27.133 27.150	107.0 105.5 104.0 103.3 102.3 101.8 100.4 99.6 98.7 97.1	11.492 11.598 11.703 11.806 11.909 12.011 12.112 12.212 12.212 12.311 12.409	.00000000000000000000000000000000000000	1478.7 1478.6 1478.6 1478.6 1478.6 1478.6 1478.7 1478.7	4173.2 4287.6 4403.1 4519.6 4677.1 4755.6 4875.2 4995.7 5117.2 5239.6	14.1 10.6 12.3 19.4 3.5 16.7 19.1 11.2 9.7
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0	695.2 705.1 715.0 725.0 734.9 744.8 754.7 764.6 774.5	4.326 4.285 4.245 4.233 4.213 4.195 4.163 4.154 4.125	4.273 4.231 4.191 4.179 4.157 4.138 4.106 4.097 4.067 4.037	34.259 34.270 34.282 34.286 34.293 34.300 34.305 34.315 34.325 34.333	27.169 27.181 27.195 27.200 27.208 27.215 27.222 27.232 27.242 27.252	30.396 30.456 30.516 30.566 30.621 30.674 30.728 30.783 30.840 30.896	27.163 27.176 27.189 27.194 27.202 27.209 27.217 27.226 27.236 27.246	95.9 94.7 93.5 93.1 92.4 91.8 91.1 90.3 89.4 88.5	12.505 12.601 12.695 12.788 12.881 12.973 13.064 13.155 13.245 13.334	.00000000000000000000000000000000000000	1478.7 1478.7 1478.7 1478.8 1478.9 1479.0 1479.0 1479.2 1479.2	5363.0 5487.4 5612.7 5738.9 5866.0 5994.1 6123.0 6252.8 6383.5 6515.1	13.5 25.5 5.3 7.1 1.8 5.6 8.9 6.5
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.3 804.2 814.1 824.0 833.9 843.8 853.7 863.6 873.5 883.4	4.089 4.036 4.038 4.036 3.994 3.975 3.947 3.939 3.978	4.030 3.975 3.977 3.975 3.931 3.912 3.884 3.874 3.913	34.342 34.354 34.357 34.363 34.373 34.374 34.385 34.391 34.406 34.411	27.260 27.275 27.277 27.282 27.295 27.297 27.309 27.315 27.323 27.326	30.949 31.011 31.059 31.110 31.169 31.218 31.276 31.327 31.380 31.428	27.254 27.269 27.271 27.276 27.288 27.291 27.303 27.309 27.316 27.319	87.9 86.4 86.4 86.0 84.6 83.5 83.1 82.5	13.422 13.509 13.596 13.682 13.767 13.851 13.936 14.019 14.102 14.184	.00000000000000000000000000000000000000	1479.4 1479.4 1479.6 1479.7 1479.7 1479.8 1479.9 1480.0 1480.4 1480.6	6647.6 6780.9 6915.1 7050.1 7186.0 7322.7 7460.2 7598.5 7737.7	6.2 1.8 3.9 24.1 8.9 7.4 9.5 2.8 5.7 4.3
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.3 903.2 913.0 923.0 932.8 942.7 952.6 962.5 972.4 982.3	3.956 3.947 3.914 3.901 3.875 3.851 3.845 3.845 3.845 3.809	3.889 3.879 3.846 3.832 3.805 3.781 3.774 3.773 3.744 3.735	34.413 34.426 34.428 34.433 34.441 34.443 34.443 34.453 34.453	27.331 27.336 27.345 27.348 27.355 27.364 27.366 27.367 27.378 27.378	31.480 31.531 31.586 31.635 31.688 31.743 31.791 31.837 31.894 31.944	27.324 27.329 27.338 27.341 27.348 27.357 27.359 27.359 27.370 27.374	81.9 81.5 80.7 80.4 79.8 79.1 78.9 79.0 78.0	14.266 14.348 14.429 14.510 14.590 14.669 14.748 14.827 14.906 14.983	000000000	1480.6 1480.8 1480.8 1480.9 1481.0 1481.0 1481.2 1481.3 1481.4	8018.5 8160.0 8302.4 8445.6 8589.5 8734.3 8879.8 9026.1 9173.1 9321.0	4.0 6.3 11.0 2.5 16.0 6.6 2.2 2.2 6.9 5.2

Station 99 Latitude 31° 52.42'N Longitude 127° 43.61'W 06 May 199	91 GMT 1:30	Bottom 4380 m
Pres. Depth Temp. Pot.T. Sal Sigma-8 Sigma-z Sigma-t Delta Dyn.H		TF N ² m ³ /s ² 10 ⁶ /s ²
db m °C °C $0/00 \text{ kg/m}^3 \text{ kg/m}^3 \text{ kg/m}^3 10^8 \text{m}^3/\text{kg} \text{ J/kg}$	0/0 m/s	$m^3/s^2 10^6/s^2$
1000.0 992.2 3.773 3.699 34.460 27.387 31.996 27.380 77.1 15.061	.0 1481.6	9469.61
1020.0 1012.0 3.740 3.664 34.461 27.392 32.093 27.384 76.8 15.215 1040.0 1031.8 3.691 3.614 34.467 27.402 32.195 27.394 75.9 15.368	.0 1481.7 .0 1481.9	9769.01 10071.4 16.6
1060.0 1051.5 3.631 3.553 34.475 27.414 32.300 27.406 74.8 15.519		10376.8 12.8
1080.0 1071.3 3.607 3.528 34.479 27.419 32.397 27.411 74.4 15.668		10685.2 10.5
1100.0 1091.1 3.579 3.499 34.488 27.430 32.500 27.422 73.5 15.815	.0 1482.4	10996.5 5.8
1120.0 1110.8 3.528 3.447 34.499 27.443 32.606 27.435 72.3 15.961 1140.0 1130.6 3.476 3.393 34.502 27.451 32.706 27.443 71.6 16.105		11310.6 1.1
		11627.5 5.0 11947.3 3.8
1160.0 1150.4 3.435 3.351 34.506 27.458 32.805 27.450 71.0 16.247 1180.0 1170.2 3.394 3.308 34.511 27.466 32.906 27.458 70.2 16.389		11947.3 3.8 12269.8 5.9
1200.0 1189.9 3.357 3.270 34.514 27.472 33.004 27.464 69.8 16.528 1220.0 1209.7 3.300 3.212 34.518 27.481 33.105 27.472 68.9 16.667		12595.0 1.2
1220.0 1209.7 3.300 3.212 34.518 27.481 33.105 27.472 68.9 16.667 1240.0 1229.4 3.256 3.167 34.522 27.488 33.205 27.480 68.2 16.804		12923.06 13253.7 2.7
1260.0 1249.2 3.207 3.116 34.527 27.497 33.306 27.488 67.5 16.940		13587.0 7.4
1280.0 1268.9 3.181 3.089 34.529 27.501 33.402 27.492 67.1 17.074		13923.0 1.2
1300.0 1288.7 3.132 3.040 34.533 27.509 33.503 27.500 66.4 17.208		14261.6 5.0
1320.0 1308.4 3.094 3.000 34.536 27.515 33.601 27.506 65.9 17.340 1340.0 1328.2 3.069 2.973 34.539 27.520 33.697 27.511 65.5 17.472		14602.8 2.1
1340.0 1328.2 3.069 2.973 34.539 27.520 33.697 27.511 65.5 17.472 1360.0 1347.9 3.018 2.922 34.543 27.528 33.798 27.519 64.7 17.602		14946.5 .7 15292.8 .1
1380.0 1367.7 2.988 2.690 34.546 27.532 33.895 27.524 64.3 17.731		15641.6 2.7
1400.0 1387.4 2.951 2.852 34.547 27.537 33.991 27.528 63.9 17.859		15992.9 2.7
1420.0 1407.2 2.911 2.811 34.550 27.543 34.090 27.534 63.3 17.986	.0 1485.0	16346.8 2.8
1440.0 1426.9 2.873 2.771 34.552 27.549 34.187 27.539 62.8 18.112	.0 1485.1	16703.0 .4
1460.0 1446.6 2.821 2.718 34.556 27.556 34.288 27.547 62.0 18.237	.0 1485.2	17061.7 3.4
1480.0 1466.4 2.791 2.687 34.559 27.561 34.384 27.552 61.6 18.361 1500.0 1486.1 2.765 2.660 34.561 27.565 34.480 27.556 61.3 18.484		17422.9 4.0
1500.0 1486.1 2.765 2.660 34.561 27.565 34.480 27.556 61.3 18.484 1520.0 1505.8 2.736 2.630 34.563 27.569 34.576 27.560 60.9 18.606	.0 1485.7 .0 1485.9	17786.4 1.6 18152.3 6.3
1540.0 1525.6 2.683 2.575 34.567 27.577 34.677 27.568 60.0 18.726		18520.64
1560.0 1545.3 2.655 2.546 34.568 27.581 34.772 27.571 59.7 18.846		18891.2 1.1
1580.0 1565.0 2.614 2.503 34.572 27.587 34.871 27.578 59.1 18.965	.0 1486.4	19264.1 2.5
1600.0 1584.8 2.591 2.480 34.574 27.591 34.967 27.582 58.8 19.083	.0 1486.6	19639.3 .5
1620.0 1604.5 2.569 2.456 34.576 27.595 35.062 27.585 58.5 19.200	.0 1486.9	20016.8 2.3
1640.0 1624.2 2.545 2.430 34.580 27.600 35.158 27.590 58.0 19.317 1660.0 1643.9 2.514 2.399 34.584 27.606 35.256 27.596 57.5 19.433	.0 1487.1	20396.6 2.3
1660.0 1643.9 2.514 2.399 34.584 27.606 35.256 27.596 57.5 19.433 1680.0 1663.6 2.493 2.376 34.586 27.609 35.351 27.599 57.2 19.547	.0 1487.3 .0 1487.5	20778.6 1.4 21162.96
1700.0 1683.3 2.463 2.345 34.589 27.614 35.448 27.604 56.7 19.661	.0 1487.7	21549.3 5.0
1720.0 1703.1 2.428 2.309 34.592 27.620 35.546 27.610 56.1 19.774	.0 1487.9	21938.0 4.1
1740.0 1722.8 2.405 2.285 34.595 27.624 35.641 27.614 55.8 19.886	.0 1488.2	22328.8 2.4
1760.0 1742.5 2.382 2.260 34.597 27.628 35.736 27.618 55.4 19.997 1780.0 1762.2 2.348 2.224 34.600 27.633 35.834 27.623 54.9 20.108	.0 1488.4	22721.8 3.5
	.0 1488.6	23117.0 3.8
1800.0 1781.9 2.322 2.197 34.601 27.636 35.928 27.626 54.6 20.217 1820.0 1801.6 2.304 2.178 34.602 27.639 36.022 27.628 54.4 20.326	.0 1488.8	23514.3 4.2
1820.0 1801.6 2.304 2.178 34.602 27.639 36.022 27.628 54.4 20.326 1840.0 1821.3 2.277 2.150 34.606 27.644 36.119 27.633 53.9 20.434		23913.7 -1.1 24315.2 3.3
1860.0 1841.0 2.250 2.121 34.607 27.647 36.214 27.637 53.6 20.541	.0 1489.5	24718.7 2.7
1880.0 1860.7 2.235 2.105 34.610 27.651 36.308 27.640 53.3 20.648		25124.4 1.3
1900.0 1880.4 2.220 2.088 34.611 27.653 36.402 27.642 53.1 20.755	.0 1490.1	25532.1 3.1
1920.0 1900.1 2.199 2.066 34.613 27.656 36.496 27.645 52.8 20.861 1940.0 1919.8 2.177 2.043 34.615 27.660 36.591 27.649 52.5 20.966	.0 1490.3	25941.9 .4
1940.0 1919.8 2.177 2.043 34.615 27.660 36.591 27.649 52.5 20.966 1960.0 1939.4 2.151 2.016 34.617 27.664 36.686 27.653 52.1 21.071	.0 1490.5 .0 1490.8	26353.7 1.9 26767.5 5.7
1980.0 1959.1 2.123 1.986 34.620 27.668 36.782 27.657 51.7 21.175	.0 1491.0	27183.4 1.1
2000.0 1978.8 2.103 1.965 34.620 27.670 36.876 27.659 51.4 21.278	.0 1491.2	
2050.0 2028.0 2.066 1.924 34.625 27.677 37.109 27.666 50.9 21.534	.0 1491.9	27601.24 28654.5 4.3
2096.0 2073.3 2.033 1.888 34.625 27.680 37.321 27.669 50.7 21.767	.0 1492.5	29634.4 .0

Station 10	00 .	Latitude	31. 47.2	24'N	Longitu	ide 127°	29.06'W	06	May 1991	GMT 4	:10	Bottom	4470 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	10.0 19.9 29.9 39.9 49.8 59.8 69.7 79.7 89.7	16.084 16.052 15.446 15.310 14.589 14.408 14.394 14.357 15.085	16.084 16.050 15.443 15.306 15.085 14.581 14.389 14.384 14.346 15.072	33.236 33.250 33.274 33.254 33.223 33.223 33.215 33.223 33.229 33.458	24.373 24.391 24.545 24.560 24.597 24.693 24.725 24.735 24.735 24.748 24.768	24.373 24.435 24.633 24.692 24.774 24.991 25.045 25.102 25.165	24.373 24.391 24.545 24.559 24.596 24.691 24.723 24.723 24.745 24.765	354.5 353.1 338.7 337.6 334.3 325.5 322.7 322.0 321.1 319.6	.000 .354 .697 1.036 1.372 1.702 2.027 2.349 2.671 2.991	0000000000	1508.6 1508.7 1507.0 1506.2 1504.7 1504.3 1504.4 1504.5 1507.2	.0 1.8 7.0 15.7 27.7 43.0 61.6 83.3 108.3 136.5	.0 127.7 3.1 17.2 82.7 49.9 27.0 5.3 10.3 7.2
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.2	15.383 14.365 12.517 12.752 11.935 10.903 10.106 9.995 9.798 9.756	15.368 14.349 12.501 12.734 11.917 10.885 10.088 9.976 9.778 9.778	33.566 33.370 33.143 33.443 33.417 33.380 33.369 33.487 33.539 33.5597	24.787 24.856 25.052 25.240 25.376 25.535 25.664 25.775 25.848 25.901	25.227 25.342 25.587 25.819 26.002 26.209 26.385 26.542 26.661 26.758	24.784 24.852 25.049 25.236 25.373 25.532 25.661 25.772 25.845 25.897	318.1 311.7 292.9 275.4 262.5 247.3 235.0 224.7 217.9 213.1	3.310 3.625 3.928 4.212 4.481 4.737 4.979 5.209 5.431 5.646	00000000000	1508.5 1505.1 1498.9 1500.2 1497.5 1494.0 1491.3 1491.2 1490.7	167.9 202.5 240.1 280.6 323.9 369.7 418.1 468.7 521.7 576.7	42.7 2.4 167.8 209.8 110.6 142.9 171.2 92.4 112.6 39.7
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.545 9.446 8.940 8.737 8.631 8.461 8.361 8.255 8.169	9.523 9.423 8.917 8.713 8.606 8.435 8.334 8.227 8.140 7.982	33.637 33.708 33.734 33.787 33.859 33.930 33.967 33.967 33.973 33.992	25.967 26.039 26.141 26.213 26.287 26.369 26.413 26.434 26.461 26.493	26.871 26.988 27.137 27.256 27.375 27.503 27.592 27.659 27.732 27.811	25.964 26.035 26.137 26.210 26.283 26.365 26.408 26.430 26.457 26.489	206.9 200.3 190.6 183.8 177.0 169.4 165.4 163.5 161.0	5.856 6.058 6.254 6.441 6.622 6.796 6.962 7.127 7.289 7.448	00000000000	1490.2 1490.1 1488.4 1487.9 1487.7 1487.2 1487.2 1487.0 1486.8 1486.4	633.9 693.1 754.3 817.4 882.3 949.0 1017.4 1087.4 1159.0 1232.1	44.6 65.4 113.3 47.4 89.6 81.9 23.1 51.5 27.5
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.3 338.2 348.1 358.1 368.0 377.9 387.8	7.907 7.799 7.686 7.514 7.354 7.291 7.149 6.957 6.862 6.654	7.877 7.769 7.654 7.482 7.321 7.258 7.115 6.923 6.827 6.619	34.008 34.007 34.010 34.009 34.008 34.024 34.023 34.017 34.024 34.012	26.513 26.529 26.547 26.571 26.593 26.615 26.634 26.655 26.674 26.692	27.877 27.938 28.003 28.073 28.142 28.209 28.275 28.344 28.409 28.475	26.509 26.524 26.543 26.566 26.588 26.610 26.629 26.650 26.669 26.688	156.3 155.0 153.3 151.1 149.1 147.1 145.4 143.3 141.7	7.605 7.761 7.915 8.067 8.217 8.365 8.511 8.656 8.798 8.939	0000000000	1486.2 1485.9 1485.6 1485.1 1484.7 1484.2 1484.2 1483.6 1483.4 1482.7	1306.9 1383.2 1461.1 1540.4 1621.3 1703.6 1787.4 1872.6 1959.2 2047.2	10.4 18.9 34.7 20.3 11.2 35.2 27.3 16.4 24.3 24.6
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0 490.0	397.8 407.7 417.6 427.5 437.5 447.4 457.3 467.2 477.1 487.1	6.495 6.398 6.259 6.139 6.004 5.906 5.841 5.737 5.670	6.459 6.361 6.222 6.101 5.966 5.868 5.698 5.630 5.440	34.017 34.029 34.028 34.030 34.037 34.047 34.047 34.075 34.075	26.717 26.732 26.753 26.772 26.790 26.809 26.824 26.847 26.868 26.888	28.546 28.608 28.676 28.742 28.807 28.872 28.934 29.003 29.071 29.139	26.712 26.727 26.749 26.768 26.786 26.804 26.819 26.842 26.863 26.883	137.5 136.2 134.2 132.4 130.7 129.0 127.6 125.5 123.5 121.6	9.078 9.214 9.349 9.483 9.614 9.744 9.873 9.999 10.123 10.246	00000000000	1482.3 1482.1 1481.7 1481.4 1481.0 1480.8 1480.7 1480.3 1479.7	2136.7 2227.4 2319.6 2413.0 2507.8 2603.8 2701.1 2799.7 2899.5 3000.5	34.5 24.8 19.5 22.2 23.0 21.5 24.2 25.6 18.3 18.8
500.0 510.0 520.0 530.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.7 546.6 556.5 566.4 576.3 586.2	5.422 5.359 5.298 5.213 5.084 4.974 4.913 4.856 4.842	5.380 5.318 5.256 5.170 5.041 5.020 4.929 4.868 4.811 4.795	34.073 34.079 34.081 34.087 34.091 34.100 34.106 34.115 34.126 34.140	26.896 26.909 26.917 26.932 26.950 26.959 26.975 26.989 27.004 27.017	29.194 29.252 29.307 29.369 29.435 29.490 29.552 29.613 29.675 29.733	26.891 26.904 26.912 26.927 26.945 26.954 26.969 26.983 26.999 27.011	120.8 119.7 119.0 117.6 115.8 115.0 113.6 112.3 110.9	10.368 10.488 10.607 10.726 10.843 10.958 11.072 11.185 11.297 11.407	00000000000	1479.7 1479.6 1479.5 1479.3 1479.0 1479.1 1478.9 1478.8 1478.8	3102.8 3206.2 3310.8 3416.6 3523.6 3631.7 3740.9 3851.2 3962.7 4075.2	8.6 8.9 5.9 12.1 24.4 9.1 13.2 17.6 20.0 3.0
600.0 610.0 620.0 630.0 650.0 650.0 670.0 680.0 690.0	596.1 606.1 616.0 625.9 635.8 645.7 655.6 665.5 675.4 685.3	4.831 4.766 4.702 4.615 4.567 4.528 4.491 4.454	4.784 4.654 4.626 4.566 4.516 4.478 4.440 4.402 4.390	34.148 34.155 34.166 34.173 34.181 34.197 34.207 34.218 34.232 34.245	27.024 27.038 27.053 27.062 27.075 27.093 27.105 27.118 27.133 27.145	29.787 29.847 29.909 29.964 30.024 30.147 30.206 30.268 30.325	27.019 27.032 27.047 27.056 27.069 27.088 27.100 27.112 27.128 27.139	109.2 107.9 106.5 105.7 104.5 102.9 101.8 100.6 99.2 98.2	11.517 11.625 11.733 11.839 11.944 12.047 12.150 12.251 12.351 12.450	00000000000	1479.0 1478.9 1478.8 1478.8 1478.8 1478.8 1478.8 1478.8 1478.8	4188.8 4303.5 4419.3 4536.1 4654.0 4772.9 4892.8 5013.7 5135.5 5258.4	18.2 9.1 9.1 24.6 25.2 3.3 35.2 18.5 10.6
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.2 715.1 725.0 734.9 744.8 754.7 764.6 774.5	4.384 4.352 4.277 4.262 4.262 4.262 4.290 4.284 4.202 4.176	4.331 4.298 4.223 4.207 4.206 4.205 4.232 4.226 4.143 4.116	34.260 34.272 34.272 34.287 34.302 34.304 34.323 34.335 34.337 34.337	27.163 27.176 27.184 27.198 27.210 27.211 27.223 27.233 27.244 27.248	30.389 30.449 30.504 30.564 30.622 30.669 30.726 30.782 30.840 30.890	27.157 27.170 27.178 27.192 27.204 27.205 27.217 27.227 27.227 27.238 27.242	96.5 95.3 94.6 93.3 92.3 91.3 90.4 89.4	12.547 12.643 12.738 12.832 12.925 13.017 13.109 13.200 13.290 13.379	0000000000	1478.9 1479.0 1478.8 1478.9 1479.1 1479.3 1479.6 1479.7 1479.6	5382.2 5507.0 5632.7 5759.4 5886.9 6015.4 6144.8 6275.0 6406.2 6538.2	20.0 8.3 15.0 8.8 3.9 3.6 12.1 10.1 8.9
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.3 804.2 814.1 824.0 833.9 843.8 853.7 863.6 873.5 883.4	4.195 4.166 4.129 4.105 4.094 4.062 4.055 4.037 4.018 4.007	4.134 4.105 4.067 4.043 4.031 3.999 3.991 3.972 3.952 3.941	34.355 34.364 34.368 34.377 34.385 34.390 34.396 34.399 34.405 34.409	27.260 27.269 27.277 27.286 27.294 27.301 27.307 27.311 27.318 27.322	30.947 31.003 31.056 31.112 31.166 31.219 31.271 31.321 31.374 31.424	27.253 27.263 27.270 27.279 27.287 27.294 27.300 27.304 27.311 27.315	88.1 87.2 86.6 85.8 85.1 84.4 84.0 83.7 83.1	13.467 13.555 13.642 13.728 13.814 13.899 13.983 14.067 14.150 14.233	00000000000	1479.9 1480.0 1480.0 1480.2 1480.2 1480.4 1480.4 1480.5 1480.7	6671.1 6804.9 6939.6 7075.0 7211.4 7348.5 7486.5 7625.3 7765.0 7905.4	16.8 2.2 18.0 13.6 8.9 5.4 4.5 4.8 5.1
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.3 903.2 913.1 923.0 932.8 942.8 952.6 962.5 972.4 982.3	3.981 3.969 3.976 3.931 3.891 3.864 3.827 3.805 3.774	3.914 3.901 3.907 3.862 3.821 3.793 3.756 3.733 3.702 3.676	34.415 34.428 34.428 34.434 34.439 34.446 34.449 34.458 34.462	27.330 27.334 27.341 27.345 27.354 27.361 27.370 27.375 27.385 27.391	31.478 31.528 31.580 31.631 31.687 31.740 31.796 31.847 31.903 31.955	27.323 27.327 27.334 27.338 27.347 27.354 27.363 27.368 27.378 27.378	82.0 81.7 81.2 80.8 79.9 78.5 78.1 77.1	14.316 14.397 14.479 14.560 14.640 14.720 14.799 14.877 14.955 15.032	0000000000	1480.7 1480.8 1481.1 1481.0 1481.0 1481.1 1481.1 1481.2 1481.2	8046.7 8188.8 8331.6 8475.3 8619.7 8765.0 8911.0 9057.8 9205.3 9353.6	12.2 4.6 1.1 5.7 3.4 5.2 10.7 4.3 5.2 7.2

Station 1	.00	Latitude	31. 47.	24'N	Longitu	de 127°	29.06'W	06	May 1991	GMT	4:10	Bottom	4470 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t		Dyn. Ht	LTR	sv		N ²
ďЪ	m	*C	.c	0/00	kg/m ³	kg/m ³	kg/m ³	108m3/kg		0/0		TF m ³ /s ²	10 ⁶ /s ²
1000.0	992.2	3.746	3.672	34.467	27.396	32.006	27.388	76.3	15.108	.0	1481.5	9502.7	
1020.0 1040.0	1012.0 1031.8	3.665	3.590	34.472	27.407	32.111	27.400	75.1	15.260	.0	1481.4	9803.1	9.3 3.7
1060.0	1051.5	3.684 3.648	3.608	34.482	27.414	32.207	27.406	74.8	15.410	.0	1481.9	10106.4	2.9
1080.0	1071.3	3.588	3.570 3.509	34.485 34.488	27.420 27.428	32.306 32.407	27.412	74.3	15.559	.0	1482.1	10412.6	3.2
1100.0	1091.1	3.565	3.485	34.497	27.438	32.508	27.421 27.430	73.5 72.7	15.707 15.853	.o .o	1482.1 1482.4	10721.7 11033.7	6.4
1120.0	1110.9	3.501	3.420	34.502	27.448	32.611	27.440	71.8	15.998	.ŏ	1482.4	11348.6	4.1 4.7
1140.0 1160.0	1130.6	3.459	3.376	34.507	27.456	32.712	27.448	71.0	16.141	.ŏ	1482.6	11666.3	5.8
1180.0	1150.4 1170.2	3.409 3.356	3.325 3.271	34.511 34.515	27.464	32.812	27.456	70.3	16.282	.0	1482.7	11986.7	4.4
		-			27.473	32.914	27.465	69.5	16.422	.0	1482.8	12309.9	3.8
1200.0 1220.0	1189.9	3.318	3.231	34.518	27.479	33.012	27.471	69.0	16.561	.0	1483.0	12635.8	2.9
1240.0	1209.7 1229.4	3.297 3.254	3.209 3.165	34.520 34.524	27.482	33.107	27.474	68.8	16.698	.0	1483.3	12964.4	5.0
1260.0	1249.2	3.230	3.140	34.524	27.490 27.494	33.207	27.482	68.1	16.835	.0	1483.4	13295.7	3.5
1280.0	1268.9	3.181	3.089	34.531	27.502	33.302 33.403	27.485 27.494	67.8 67.0	16.971 17.106	٠,٥	1483.6	13629.7	4.4
1300.0	1288.7	3.142	3.049	34.534	27,509	33.502	27.500	66.4	17.239	.0	1483.8 1483.9	13966.3 14305.5	2.1 -1.7
1320.0	1308.5	3.107	3.012	34.537	27.514	33,600	27.506	65.9	17.372	.ŏ	1484.1	14647.3	1.8
1340.0 1360.0	1328.2 1347.9	3.080	2.985	34.538	27.518	33.695	27.509	65.7	17.503	.ŏ	1484.3	14991.6	6.8
1380.0	1367.7	3.030 2.999	2.934 2.901	34.541 34.544	27.525	33.795	27.516	65.0	17.634	.0	1484.5	15338.6	6.5
	-				27.530	33.892	27.521	64.6	17.763	.0	1484.7	15688.0	1.3
1400.0 1420.0	1387.4 1407.2	2.963	2.864	34.547	27.536	33.989	27.527	64.0	17.892	.0	1484.8	16040.0	1.9
1440.0	1426.9	2.921 2.894	2.820 2.792	34.550 34.553	27.543	34.089	27.534	63.4	18.019	.0	1485.0	16394.5	7.2
1460.0	1446.7	2.860	2.757	34.556	27.547 27.552	34.185 34.283	27.538 27.543	63.0	18.146	.0	1485.2	16751.4	1.9
1480.0	1466.4	2.837	2.733	34.558	27.556	34.378	27.543	62.5 62.2	18.271 18.396	.0	1485.4 1485.7	17110.8	5.7
1500.0	1486.1	2,799	2.694	34.560	27.561	34.475	27.552	61.7	18.520	.0	1485.8	17472.6 17836.8	3.1 .8
1520.0	1505.9	2.766	2.659	34.563	27.566	34.572	27.557	61.3	18.643	.ŏ	1486.0	18203.5	.5
1540.0	1525.6	2.746	2.637	34.565	27.570	34.667	27.561	61.0	18.765	.ŏ	1486.3	18572.5	1.7
1560.0 1580.0	1545.3 1565.0	2.707	2.597	34.569	27.577	34.766	27.567	60.3	18.886	.0	1486.4	18943.9	
		2.671	2.560	34.570	27.581	34.862	27.571	59.9	19.007	.0	1486.6	19317.6	1 .5
1600.0	1584.8	2.636	2.524	34.572	27.586	34.960	27.576	59.4	19,126	.0	1486.8	19693.6	1.1
1620.0 1640.0	1604.5 1624.2	2.619	2.506	34.573	27.588	35.053	27.578	59.3	19.245	.0	1487.1	20072.0	3
1660.0	1643.9	2.595 2.580	2.480 2.464	34.577 34.578	27.593	35.150	27.583	58.9	19.363	.0	1487.3	20452.7	2.9
1680.0	1663.6	2.554	2.436	34.581	27.596 27.600	35.243 35.340	27.586 27.590	58.7	19.481	.0	1487.6	20835.6	4.1
1700.0	1683.3	2.526	2.407	34.584	27.605	35.436	27.595	58.3 57.8	19.597 19.713	.0	1487.8 1488.0	21220.9 21608.3	3
1720.0	1703.1	2.492	2.372	34.587	27.611	35.533	27.600	57.3	19.829	.ŏ	1488.2	21998.1	5.0 3.2
1740.0 1760.0	1722.8 1742.5	2.452	2.331	34.590	27.616	35.631	27.606	56.7	19.942	.ŏ	1488.4	22390.0	3.5
1780.0	1762.2	2.431 2.409	2.309 2.285	34.592 34.592	27.619	35.726	27.609	56.4	20.056	.0	1488.6	22784.2	4.7
					27.622	35.820	27.612	56.2	20.168	.0	1488.9	23180.5	1.2
1800.0 1820.0	1781.9 1801.6	2.374 2.340	2.249	34.595	27.627	35.917	27.617	55.7	20.280	.0	1489.0	23579.0	4.2
1840.0	1821.3	2.317	2.214	34.598 34.600	27.633 27.636	36.014 36.109	27.622 27.625	55.1	20.391	.0	1489.2	23979.7	1.0
1860.0	1841.0	2.286	2.157	34.603	27.641	36.206	27.625	54.9 54.3	20.501 20.610	٠.	1489.5	24382.5	1.3
1880.0	1860.7	2.259	2.128	34.605	27.645	36.301	27.634	54.0	20.010	.0	1489.7 1489.9	24787.4 25194.4	2.7 3.6
1900.0	1880.4	2.233	2.102	34.606	27.648	36.396	27.638	53.6	20.826	.ŏ	1490.1	25603.5	1.9
1920.0 1940.0	1900.1 1919.8	2.208 2.182	2.075	34.609	27.653	36.492	27.642	53.2	20.933	.0	1490.3	26014.7	5.1
1960.0	1939.5	2.182	2.048 2.020	34.611 34.613	27.656 27.660	36.587	27.646	52.8	21.039	.0	1490.6	26428.0	7
1980.0	1959.2	2.138	2.001	34.614	27.663	36.683 36.776	27.649 27.652	52.4 52.2	21.144	.0	1490.8	26843.2	2.5
2000.0	1978.8	2.121							21.249	.0	1491.0	27260.5	2.5
2050.0	2028.0	2.078	1.983 1.936	34.616 34.620	27.666 27.673	36.870	27.654	52.0	21.353	.0	1491.3	27679.9	2.0
	2073.3	2.043	1.897	34.624	27.679	37.104 37.319	27.661 27.667	51.4 50.8	21.612 21.847	.0	1492.0	28736.9	3.2
	-			1	_ , , , , ,		21.001	20.0	41.04/	.0	1492.6	29720.4	.0

Station 1	.01	Latitude	32° 01.	21'N	Longitu	ide 127°	22.03'W	06	May 1991	GMT 6	:53	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma -0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.9 49.8 59.8 79.7	15.795 15.581 15.145 15.050 15.043 14.971 14.782 14.784 14.748	15.795 15.580 15.142 15.046 15.037 14.964 14.773 14.773 14.737	33.190 33.189 33.174 33.174 33.211 33.279 33.283 33.304 33.302 33.390	24.403 24.450 24.536 24.585 24.654 24.698 24.715 24.721 24.740	24.403 24.494 24.623 24.688 24.762 24.874 24.963 25.024 25.074 25.137	24.403 24.450 24.534 24.555 24.584 24.652 24.696 24.712 24.718 24.737	351.7 347.5 339.7 338.0 335.4 329.2 325.3 324.0 323.7 322.3	.000 .351 .692 1.031 1.368 1.701 2.027 2.352 2.676 2.998	0000000000	1507.7 1507.2 1505.8 1506.0 1506.0 1505.6 1505.8 1505.8	.0 1.8 7.0 15.5 27.5 42.8 61.3 83.1 108.2 136.4	.0 267.8 18.3 16.5 54.0 119.6 .4 6.9 23.9 23.9
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.2	14.925 13.798 13.130 11.884 11.507 10.711 10.173 9.764 9.460 9.334	14.910 13.782 13.113 11.868 11.490 10.155 9.745 9.440 9.313	33.431 33.272 33.254 33.233 33.305 33.269 33.279 33.344 33.472 33.575	24.783 24.897 25.018 25.242 25.368 25.482 25.583 25.701 25.852 25.952	25.224 25.385 25.552 25.823 25.995 26.156 26.304 26.469 26.666 26.812	24.780 24.894 25.015 25.239 25.365 25.479 25.580 25.698 25.849 25.949	318.4 307.6 296.2 275.0 263.1 252.3 242.7 231.6 217.4 208.0	3.319 3.635 3.936 4.222 4.491 4.746 4.992 5.230 5.453 5.667	0000000000	1506.9 1503.2 1501.1 1497.0 1495.2 1493.2 1491.4 1490.2 1489.4 1489.2	167.9 202.5 240.2 280.8 324.2 370.2 418.6 469.5 522.6 577.9	70.5 201.7 114.1 173.3 201.6 97.2 44.7 210.9 15.3 92.9
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.089 8.979 8.830 8.731 8.596 8.486 8.393 8.299 8.108 7.923	9.068 8.957 8.807 8.707 8.571 8.460 8.367 8.271 8.079 7.894	33.652 33.712 33.786 33.829 33.892 33.933 33.960 33.978 33.993 33.999	26.053 26.116 26.198 26.248 26.367 26.403 26.403 26.472 26.504	26.958 27.067 27.195 27.290 27.406 27.500 27.582 27.656 27.743 27.822	26.049 26.113 26.194 26.244 26.363 26.363 26.398 26.427 26.467 26.499	198.6 192.8 185.1 180.6 174.1 166.3 163.8 160.0 157.0	5.870 6.067 6.255 6.437 6.615 6.787 6.954 7.119 7.281 7.439	0000000000	1488.5 1488.4 1488.1 1487.9 1487.5 1487.5 1487.3 1487.1 1486.6 1486.0	635.2 694.6 755.8 818.9 883.7 950.3 1018.6 1088.5 1160.0	73.8 113.0 50.7 40.4 100.4 35.4 40.1 41.2 28.6 28.0
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.826 7.716 7.533 7.409 7.235 7.155 7.031 6.841 6.735 6.575	7.796 7.686 7.502 7.377 7.203 7.122 6.998 6.807 6.700 6.540	33.999 34.001 34.002 34.003 34.005 34.007 34.013 34.014 34.018	26.518 26.535 26.563 26.581 26.608 26.618 26.637 26.667 26.683 26.708	27.882 27.946 28.019 28.084 28.158 28.214 28.279 28.357 28.419 28.491	26.514 26.531 26.558 26.577 26.603 26.614 26.632 26.663 26.678 26.703	155.8 154.2 151.7 150.0 147.6 146.7 144.9 144.9 140.7 138.4	7.595 7.750 7.903 8.054 8.204 8.351 8.497 8.641 8.782 8.922	0000000000	1485.8 1485.6 1485.0 1484.7 1484.1 1483.7 1483.2 1482.9 1482.4	1307.8 1384.0 1461.7 1540.9 1621.7 1703.8 1787.5 1872.6 1959.0 2046.9	23.9 30.3 22.7 8.3 24.4 17.6 26.7 24.9 22.5 31.0
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.8 407.7 417.6 427.5 437.5 447.4 457.3 467.2 477.1	6.475 6.357 6.207 5.898 5.827 5.718 5.646 5.520 5.436	6.440 6.321 6.170 6.058 5.860 5.788 5.679 5.480 5.395	34.024 34.025 34.035 34.038 34.040 34.041 34.046 34.051 34.066 34.075	26.726 26.742 26.769 26.785 26.811 26.822 26.839 26.879 26.896	28.555 28.618 28.692 28.756 28.829 28.886 28.950 29.009 29.084 29.147	26.721 26.737 26.764 26.781 26.807 26.817 26.834 26.834 26.874 26.891	136.7 135.2 132.7 131.1 128.6 127.7 126.1 124.9 122.3 120.8	9.059 9.195 9.330 9.461 9.591 9.720 9.847 9.972 10.095	00000000000	1482.2 1481.9 1481.5 1481.2 1480.6 1480.4 1480.2 1480.1 1479.7 1479.6	2136.1 2226.7 2318.6 2411.9 2506.4 2602.2 2699.3 2797.6 2897.1 2997.9	17.2 31.3 43.3 16.3 16.0 10.1 19.2 16.2 13.6 8.0
500.0 510.0 520.0 530.0 550.0 550.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.6 546.5 566.4 576.3 586.2	5.373 5.279 5.247 5.168 5.238 5.215 5.010 4.818 4.872	5.332 5.238 5.205 5.125 5.171 4.966 4.971 4.773 4.826	34.085 34.095 34.115 34.125 34.155 34.171 34.170 34.167 34.186	26.911 26.930 26.950 26.967 26.983 26.999 27.012 27.021 27.041 27.049	29.209 29.275 29.341 29.404 29.466 29.527 29.589 29.643 29.712 29.765	26.906 26.925 26.945 26.962 26.978 26.993 27.007 27.015 27.035 27.044	119.4 117.6 115.8 114.2 112.9 111.6 110.1 109.4 107.4	10.337 10.455 10.572 10.687 10.801 10.914 11.024 11.134 11.242 11.349	0000000000	1479.5 1479.3 1479.3 1479.2 1479.2 1479.8 1479.1 1479.3 1478.6 1479.0	3099.8 3202.9 3307.2 3412.6 3519.2 3626.8 3735.6 3845.4 3956.3 4068.3	17.7 16.8 7.1 2.7 16.8 24.7 15.9 7.1 12.3 9.4
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 616.0 625.9 635.8 645.7 655.6 665.5 675.4 685.3	4.863 4.737 4.654 4.6596 4.906 4.857 4.854 4.778 4.660	4.816 4.690 4.608 4.575 4.546 4.855 4.855 4.751 4.724 4.606	34.200 34.206 34.200 34.199 34.211 34.272 34.281 34.285 34.295 34.298	27.062 27.081 27.085 27.088 27.101 27.115 27.127 27.137 27.148 27.163	29.824 29.890 29.942 29.991 30.050 30.104 30.163 30.219 30.276 30.339	27.056 27.075 27.080 27.082 27.095 27.109 27.122 27.131 27.142 27.157	105.7 103.9 103.4 103.2 102.1 101.4 100.2 99.4 98.4 96.8	11.456 11.560 11.664 11.767 11.870 11.972 12.073 12.172 12.271 12.369	0000000000	1479.2 1478.8 1478.7 1478.7 1478.7 1480.3 1480.2 1480.2 1480.3	4181.3 4295.4 4410.5 4526.6 4643.8 4761.9 4881.0 5001.2 5122.3 5244.3	7.7 -3.8 2.7 6.5 8.2 15.7 6.3 15.7 11.5
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 754.7 764.6 774.5 784.4	4.679 4.672 4.652 4.608 4.587 4.541 4.523 4.482 4.456 4.423	4.624 4.616 4.595 4.551 4.529 4.483 4.464 4.423 4.395 4.361	34.312 34.316 34.325 34.334 34.342 34.351 34.359 34.368 34.372 34.380	27.172 27.176 27.186 27.198 27.207 27.219 27.227 27.239 27.245 27.255	30.393 30.443 30.499 30.557 30.671 30.725 30.783 30.835 30.892	27.166 27.170 27.180 27.192 27.200 27.212 27.221 27.233 27.238 27.249	96.2 95.9 95.0 94.0 93.2 92.1 91.4 90.3 89.8 88.9	12.465 12.562 12.657 12.752 12.845 12.938 13.030 13.121 13.211 13.300	0000000000	1480.2 1480.4 1480.4 1480.5 1480.5 1480.6 1480.6 1480.7	5367.3 5491.3 5616.2 5742.1 5868.8 5996.5 6125.1 6254.6 6385.0 6516.2	8.3 11.0 12.4 11.0 4.2 8.6 12.5 13.3 7.8
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.3 804.2 814.1 824.0 833.9 843.8 853.7 863.6 873.5 883.3	4.391 4.371 4.323 4.287 4.271 4.252 4.221 4.190 4.151 4.127	4.329 4.308 4.260 4.223 4.207 4.187 4.155 4.124 4.085	34.387 34.390 34.397 34.408 34.408 34.413 34.415 34.420 34.426	27.264 27.269 27.280 27.288 27.294 27.300 27.305 27.312 27.321	30.947 30.998 31.055 31.110 31.162 31.213 31.265 31.319 31.374 31.425	27.257 27.262 27.273 27.281 27.287 27.293 27.298 27.305 27.314 27.319	88.1 87.7 86.0 85.5 85.0 84.6 83.9 83.1	13.389 13.476 13.564 13.650 13.736 13.821 13.906 13.990 14.073 14.156	0000000000	1480.8 1480.8 1480.8 1480.9 1481.0 1481.1 1481.1 1481.1	6648.3 6781.3 6915.2 7049.9 7185.4 7321.8 7459.1 7597.1 7736.0 7875.7	7.2 7.8 5.7 8.4 9.0 1.9 9.8 10.1 4 5.5
900.0 910.0 920.0 930.0 940.0 950.0 960.0 980.0 990.0	893.3 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.107 4.072 4.042 4.008 3.975 3.946 3.916 3.897 3.877 3.858	4.039 4.004 3.973 3.938 3.905 3.868 3.844 3.824 3.804 3.785	34.435 34.435 34.440 34.445 34.451 34.454 34.458 34.464 34.467	27.330 27.336 27.341 27.347 27.355 27.363 27.368 27.373 27.380 27.384	31.475 31.528 31.579 31.632 31.685 31.740 31.791 31.842 31.895 31.945	27.323 27.329 27.334 27.347 27.347 27.355 27.361 27.366 27.372 27.376	82.3 81.8 81.3 80.8 80.1 79.4 78.9 78.5 77.9	14.239 14.321 14.402 14.483 14.564 14.643 14.722 14.801 14.879 14.957	0000000000	1481.3 1481.3 1481.4 1481.4 1481.5 1481.6 1481.7	8016.2 8157.5 8299.6 8442.5 8586.2 8730.7 8875.9 9022.0 9168.8 9316.3	8.1 4.0 7.5 11.0 10.2 3.7 3.1 4.6 8.4 3.4

Station 1	01	Latitude	32° 01.	21'N	Longitu	de 127°	22.03'W	06	May 1991	GMT	6:53	Bottom	
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z			Dyn.Ht	LTR		m3/s2	N ²
db	m n	,c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	•	0/0			
1000.0 1020.0	992.2 1012.0	3.837 3.803	3.762 3.727	34.470 34.472	27.389 27.394	31.996 32.094	27.381 27.387	77.1 76.7	15.035 15.188	.0		9464.7 9763.6	5.5 6.4
1040.0	1031.7	3.747	3.670	34.476	27.403	32.195	27.396	75.9	15.340	.ŏ		10065.5	.3
1060.0	1051.5	3.703	3.625	34.480	27.411	32.295	27.403	75.3	15.492	.0	1482.3	10370.4	6.1
1080.0 1100.0	1071.3 1091.1	3.670 3.629	3.590 3.548	34.485 34.491	27.418 27.427	32.394 32.495	27.410	74.7	15.642	.0		10678.2	7.0
1120.0	1110.8	3.579	3.496	34.496	27.436	32.597	27.419 27.428	73.9 73.1	15.790 15.938	.0		10988.9 11302.6	4.7 5.6
1140.0	1130.6	3.534	3.450	34.501	27.444	32.698	27.436	72.4	16.083	.ŏ		11619.1	2.0
1160.0 1180.0	1150.4	3.471	3.386	34.506	27.455	32.801	27.446	71.4	16.227	.0	1483.0	11938.4	5.0
	1170.1	3.427	3.342	34.510	27.462	32.901	27.454	70.7	16.369	.0	1483.1	12260.5	2.1
1200.0 1220.0	1189.9 1209.7	3.385 3.361	3.298 3.273	34.512	27.468	32.999	27.460	70.2	16.510	.0	1483.3	12585.4	4.4
1240.0	1229.4	3.321	3.231	34.514 34.519	27.472 27.479	33.095 33.194	27.464 27.471	69.9 69.3	16.650 16.789	.0		12913.0 13243.4	3.5 1.2
1260.0	1249.2	3.284	3.193	34.522	27.486	33.292	27.477	68.8	16.928	.0		13576.4	3.0
1280.0	1268.9	3.250	3.157	34.525	27.492	33.390	27.483	68.2	17.065	.ŏ		13912.2	3.0
1300.0 1320.0	1288.7 1308.4	3.216 3.157	3.123 3.062	34.529 34.533	27.498 27.507	33.489	27.489	67.7	17.201	.0		14250.6	8.0
1340.0	1328.2	3.126	3.030	34.535	27.507	33.591 33.687	27.498 27.502	66.8 66.4	17.335 17.468	.0	1484.3 1484.5	14591.7 14935.3	7.1 5.4
1360.0	1347.9	3.090	2.993	34.539	27.518	33.786	27.509	65.8	17.601	.ŏ		15281.6	6.5
1380.0	1367.7	3.047	2.949	34.543	27.525	33.885	27.516	65.2	17.732	.0	1484.9	15630.4	8.3
1400.0	1387.4	3.001	2.901	34.544	27.530	33.983	27.521	64.7	17.862	.0	1485.0	15981.7	5.1
1420.0 1440.0	1407.2 1426.9	2.976 2.928	2.875 2.826	34.546 34.551	27.534 27.542	34.078	27.525	64.4	17.990	٠.	1485.2	16335.6	5
1460.0	1446.6	2.891	2.787	34.554	27.542	34.179 34.277	27.533 27.539	63.6 63.1	18.118 18.245	.0	1485.4 1485.5	16692.0 17050.8	4.8 6.0
1480.0	1466.4	2.861	2.756	34.556	27.552	34.373	27.543	62.7	18.371	.ŏ	1485.7	17412.1	4.6
1500.0	1486.1	2.830	2.724	34.558	27.557	34.470	27.548	62.3	18.496	.0	1486.0	17775.9	3.7
1520.0 1540.0	1505.8 1525.6	2.794 2.775	2.687 2.666	34.561 34.561	27.562 27.565	34.567 34.660	27.553 27.555	61.8	18.620 18.743	.0	1486.1	18142.1	-1.3
1560.0	1545.3	2.733	2.623	34.565	27.572	34.760	27.562	61.6 60.9	18.866	.0		18510.6 18881.6	.2 2.3
1580.0	1565.0	2.712	2.601	34.567	27.575	34.855	27.565	60.6	18.987	.ŏ		19254.9	-:7
1600.0	1584.7	2.680	2.568	34.571	27.581	34.953	27.571	60.1	19.108	.0	1487.0	19630.6	7.0
1620.0 1640.0	1604.4 1624.2	2.650	2.536	34.572	27.585	35.049	27.575	59.7	19.228	.0		20008.6	3.5
1660.0	1643.9	2.614 2.594	2.499 2.477	34.575 34.577	27.590 27.594	35.146 35.241	27.580 27.584	59.2 58.9	19.347 19.465	.0		20389.0	.8
1680.0	1663.6	2.566	2.448	34.580	27.598	35.337	27.588	58.5	19.465	.0	1487.6 1487.8	20771.6 21156.5	.9 1.2
1700.0	1683.3	2.537	2.418	34.581	27.602	35.432	27.592	58.2	19.699	.ŏ	1488.1	21543.7	6
1720.0 1740.0	1703.0 1722.7	2.506 2.480	2.386 2.358	34.583 34.585	27.606	35.528	27.596	57.7	19.815	.0	1488.3	21933.2	1.2
1760.0	1742.4	2.445	2.322	34.588	27.610 27.615	35.624 35.721	27.600 27.605	57.4 56.9	19.930 20.044	.0	1488.5 1488.7	22324.8 22718.7	3.5
1780.0	1762.2	2.412	2.288	34.590	27.620	35.818	27.610	56.4	20.157	.ŏ	1488.9	23114.8	.3 3.3
1800.0	1781.9	2.392	2.266	34.592	27.624	35.912	27.613	56.1	20.269	.0	1489.1	23513.1	
1820.0 1840.0	1801.6 1821.3	2.365	2.238	34.595	27.628	36.009	27.618	55.7	20,381	.0	1489.3	23913.6	.4 1.5
1860.0	1841.0	2.335 2.310	2.207 2.181	34.597 34.599	27.632 27.636	36.105 36.200	27.622 27.625	55.2 54.9	20.492	.0	1489.5	24316.2	1.0
1880.0	1860.7	2.287	2.157	34.600	27.639	36.294	27.628	54.6	20.602 20.712	.0	1489.8 1490.0	24720.9 25127.8	2.2 1.9
1900.0	1880.3	2.264	2,132	34.603	27.643	36.389	27.632	54.2	20.821	.ŏ	1490.2	25536.8	3.1
1920.0 1940.0	1900.0 1919.7	2.246 2.224	2.112	34.605	27.646	36.484	27.635	54.0	20.929	.0	1490.5	25947.9	2.2
1960.0	1939.4	2.203	2.089 2.066	34.607 34.609	27.649 27.653	36.578 36.673	27.638 27.642	53.7 53.3	21.037 21.144	.0	1490.7 1491.0	26361.1	.2
1980.0	1959.1	2.170	2.033	34.611	27.658	36.769	27.647	52.8	21.250	.0	1491.0	26776.3 27193.6	3.7
2000.0	1978.8	2.148	2.009	34.614	27.662	36.864	27.650	52.5	21.355	.0	1491.4	27612.9	2.8
2050.0	2028.0	2.099	1.957	34.618	27.669	37.099	27.657	51.8	21.616	.0	1492.1	28670.1	2.6
2096.0	2073.3	2.052	1.906	34.623	27.677	37.317	27.665	51.1	21.852	.0	1492.6	29653.8	.0

Station 1	L 02	Latitude	32° 10.	54'N	Longit	ıde 127°	17.98'W	07	May 1991	GMT 9	:22	Bottom	3900 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma -0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 80.0 90.0	.0 10.0 19.9 29.9 39.9 49.8 59.8 69.7 79.7	15.674 15.674 15.293 15.322 15.126 15.092 15.201 15.292 15.300 15.349	15.674 15.673 15.290 15.318 15.120 15.085 15.192 15.282 15.288 15.336	33.190 33.191 33.207 33.229 33.204 33.230 33.318 33.385 33.457 33.496	24.430 24.527 24.539 24.562 24.590 24.666 24.721 24.740	24.430 24.474 24.615 24.671 24.739 24.811 24.899 24.975 25.073 25.137	24.430 24.430 24.527 24.538 24.561 24.589 24.632 24.664 24.718 24.737	349.1 349.3 340.4 339.6 337.7 335.3 331.4 328.7 323.8 322.3	.000 .349 .696 1.036 1.375 1.711 2.045 2.375 2.701 3.024	0000000000	1507.3 1507.5 1506.4 1506.2 1506.3 1506.9 1507.5 1507.7	.0 1.7 7.0 15.6 27.6 43.0 61.7 83.7 109.0	.0 -1.5 28.3 8.1 7 4.3 31.5 59.4 22.5 7.3
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.2	15.399 14.231 12.963 11.718 10.877 10.465 10.007 9.494 9.272 9.115	15.384 14.215 12.947 11.701 10.861 10.447 9.989 9.476 9.252 9.095	33.554 33.364 33.285 33.187 33.249 33.339 33.354 33.418 33.471 33.599	24.774 24.879 25.075 25.237 25.437 25.580 25.669 25.804 25.881 26.007	25.215 25.366 25.609 25.819 26.066 26.254 26.390 26.572 26.695 26.867	24.771 24.876 25.072 25.235 25.434 25.666 25.801 25.878 26.003	319.4 309.5 290.8 275.3 256.4 243.0 234.5 221.8 214.6 202.8	3.345 3.659 3.957 4.238 4.505 4.753 4.753 4.992 5.220 5.437 5.646	00000000000	1508.5 1504.7 1500.6 1496.3 1493.6 1490.9 1489.3 1488.7 1488.4	169.2 204.1 242.0 282.8 326.3 372.4 420.9 471.7 524.6 579.7	105.7 260.7 149.2 213.8 22.8 135.7 139.5 101.4 121.5
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.085 8.979 8.877 8.813 8.735 8.627 8.493 8.343 8.171 7.966	9.064 8.957 8.854 8.789 8.710 8.601 8.467 8.315 8.143 7.937	33.713 33.754 33.841 33.874 33.917 33.963 33.974 33.988 33.994 33.998	26.101 26.150 26.234 26.270 26.316 26.369 26.398 26.432 26.463 26.496	27.006 27.100 27.230 27.312 27.404 27.502 27.576 27.657 27.734 27.814	26.097 26.146 26.230 26.266 26.313 26.365 26.394 26.428 26.459 26.492	194.1 189.6 181.8 178.5 174.3 169.4 166.8 163.7 160.8 157.8	5.845 6.036 6.222 6.403 6.580 6.751 6.919 7.084 7.246 7.405		1488.6 1488.4 1488.3 1488.3 1488.2 1488.0 1487.7 1487.3 1486.8 1486.2	636.9 695.9 756.8 819.6 884.1 950.3 1018.2 1087.8 1159.0 1231.7	137.4 19.4 46.3 6 22.9 26.1 39.5 20.2 28.9 6.3
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.844 7.618 7.528 7.305 7.227 7.215 7.045 6.952 6.733 6.585	7.814 7.588 7.497 7.273 7.195 7.182 7.011 6.918 6.550	34.000 34.001 34.000 34.002 34.001 34.007 34.008 34.016 34.020	26.516 26.550 26.562 26.595 26.605 26.607 26.635 26.685 26.708	27.880 27.961 28.019 28.099 28.155 28.203 28.277 28.338 28.421 28.491	26.512 26.545 26.558 26.590 26.601 26.602 26.630 26.644 26.680 26.703	156.0 152.8 151.8 148.7 147.8 147.8 145.2 143.9 140.5 138.4	7.562 7.717 7.869 8.019 8.167 8.315 8.462 8.606 8.748 8.887		1485.9 1485.2 1485.0 1484.3 1484.2 1483.8 1483.6 1482.9 1482.5	1306.1 1381.9 1459.3 1538.2 1618.6 1700.4 1783.7 1868.4 1954.5 2042.1	35.0 8.0 25.6 20.0 6.2 15.6 13.5 29.6 4.4
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.8 407.7 417.6 427.5 437.4 447.4 457.3 467.2 477.1 487.0	6.427 6.304 6.181 6.092 5.768 5.680 5.573 5.438	6.391 6.267 6.144 6.055 5.907 5.730 5.642 5.534 5.399 5.362	34.025 34.029 34.035 34.038 34.039 34.043 34.054 34.054 34.072 34.077	26.733 26.752 26.772 26.785 26.805 26.841 26.862 26.893 26.902	28.563 28.629 28.696 28.756 28.823 28.895 28.953 29.021 29.021 29.154	26.728 26.747 26.768 26.781 26.801 26.825 26.837 26.858 26.858 26.897	136.0 134.2 132.3 131.1 129.2 126.8 125.8 123.8 120.9 120.2	9.025 9.160 9.293 9.425 9.555 9.683 9.810 9.934 10.057 10.177		1482.0 1481.7 1481.4 1481.2 1480.8 1480.2 1480.0 1479.8 1479.4	2131.0 2221.2 2312.8 2405.6 2499.8 2595.3 2692.0 2789.9 2889.1 2989.4	25.1 13.7 2.2 -3.9 34.4 25.0 33.5 30.5 18.5 13.8
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.6 546.5 556.5 566.4 5786.2	5.290 5.245 5.237 5.223 5.172 5.165 5.139 5.014 4.981	5.249 5.204 5.195 5.180 5.128 5.120 5.094 4.968 4.935 4.845	34.096 34.105 34.107 34.127 34.137 34.151 34.170 34.173 34.172 34.172	26.930 26.942 26.945 26.962 26.976 26.989 27.007 27.023 27.027 27.037	29.229 29.387 29.336 29.399 29.460 29.518 29.581 29.646 29.753	26.925 26.937 26.940 26.958 26.971 26.983 27.001 27.018 27.021 27.032	117.5 116.4 116.3 114.7 113.5 112.4 110.8 109.2 109.0 108.0	10.296 10.413 10.530 10.645 10.759 10.872 10.983 11.094 11.203 11.311	000000000000000000000000000000000000000	1479.2 1479.2 1479.3 1479.4 1479.4 1479.6 1479.3 1479.3	3090.9 3193.6 3297.5 3402.5 3508.6 3615.9 3724.2 3833.7 3944.2 4055.8	22.6 6.2 13.0 18.8 3.0 11.5 3.6 6.2 -1.7 20.6
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.8 645.7 655.6 665.5 675.4	4.999 4.928 4.810 4.821 4.776 4.713 4.673 4.665	4.951 4.880 4.761 4.771 4.731 4.725 4.662 4.662 4.646 4.610	34.205 34.221 34.218 34.237 34.252 34.253 34.261 34.273 34.273 34.305	27.051 27.072 27.083 27.097 27.113 27.115 27.127 27.142 27.148 27.168	29.811 29.878 29.937 29.996 30.059 30.106 30.166 30.226 30.228 30.344	27.045 27.066 27.077 27.091 27.107 27.109 27.122 27.136 27.153 27.162	106.9 105.0 103.9 102.7 101.2 101.2 100.0 98.7 97.3 96.4	11.419 11.524 11.629 11.732 11.835 11.936 12.036 12.135 12.233 12.330	••••••••	1479.7 1479.6 1479.3 1479.5 1479.6 1479.6 1479.6 1479.9 1480.0	4168.4 4282.1 4396.9 4512.6 4629.4 4747.2 4866.0 4985.7 5106.5 5228.1	36.1 19.1 13.5 10.3 20.6 8.9 22.4 17.7 8.9 16.2
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.635 4.619 4.576 4.559 4.559 4.492 4.462 4.422 4.385	4.581 4.563 4.521 4.504 4.502 4.454 4.432 4.402 4.362 4.324	34.318 34.330 34.339 34.347 34.358 34.361 34.365 34.372 34.375	27.182 27.184 27.198 27.207 27.214 27.228 27.233 27.239 27.248 27.255	30.404 30.452 30.512 30.567 30.620 30.731 30.783 30.839 30.893	27.176 27.178 27.191 27.201 27.208 27.221 27.226 27.232 27.242 27.249	95.2 95.1 93.8 93.0 92.5 91.2 90.8 90.3 89.4 88.8	12.426 12.521 12.615 12.709 12.801 12.893 12.984 13.075 13.165 13.254	0000000000	1480.0 1480.1 1480.1 1480.2 1480.4 1480.5 1480.5 1480.5	5350.8 5474.3 5598.8 5724.2 5850.6 5977.8 6106.0 6235.0 6364.9 6495.7	5.7 15.4 12.4 6.9 2.5 14.2 6.3 10.7 9.5
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.3 804.2 814.0 824.0 833.8 843.8 853.7 863.5 873.4 883.3	4.373 4.353 4.337 4.319 4.300 4.268 4.244 4.218 4.193 4.169	4.311 4.290 4.274 4.255 4.235 4.203 4.178 4.151 4.126 4.102	34.377 34.383 34.385 34.389 34.396 34.400 34.407 34.410 34.412	27.258 27.265 27.268 27.273 27.278 27.284 27.290 27.299 27.303 27.308	30.941 30.994 31.044 31.095 31.146 31.198 31.250 31.305 31.355 31.406	27.251 27.258 27.262 27.267 27.272 27.277 27.283 27.292 27.296 27.301	88.6 88.0 87.8 87.4 87.0 86.5 86.0 85.2 84.8	13.342 13.431 13.519 13.606 13.693 13.780 13.866 13.952 14.037 14.122	0000000000	1480.7 1480.8 1480.9 1481.0 1481.1 1481.1 1481.2 1481.3	6627.4 6759.9 6893.3 7027.6 7162.7 7298.7 7435.5 7573.2 7711.7 7851.0	4.0 5.7 4 9.8 11.3 3.4 4.0 1.1 7.5
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.150 4.102 4.089 4.078 4.064 4.029 3.978 3.962 3.948 3.912	4.082 4.033 4.020 4.008 3.993 3.958 3.966 3.889 3.875 3.838	34.421 34.424 34.429 34.431 34.438 34.443 34.444 34.446 34.451	27.313 27.322 27.326 27.331 27.334 27.343 27.352 27.355 27.359 27.366	31.457 31.513 31.563 31.614 31.718 31.774 31.823 31.823 31.926	27.305 27.315 27.319 27.324 27.327 27.336 27.345 27.348 27.351 27.359	84.1 83.1 82.9 82.5 82.2 81.4 80.5 80.3 80.0	14.206 14.290 14.373 14.455 14.538 14.619 14.700 14.781 14.861 14.940	.00000000000	1481.4 1481.5 1481.6 1481.8 1481.8 1481.7 1481.8 1481.7	7991.2 8132.2 8274.0 8416.6 8560.1 8704.3 8849.3 8995.1 9141.7 9289.1	1.7 7.5 8.3 7.5 4.7 4.7 4.3

Station 1	.02	Latitude	32° 10.	54'N	Longitu	ide 127°	17.98'W	07	May 1991	GMT	9:22	Bottom	3900 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t		Dyn. Ht	LTR	sv		N ²
db	m	•c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	108m3/kg		0/0	m/s	m ³ /s ²	10 ⁶ /s ²
1000.0	992.2	3.876	3.801	34.456	27.374	31.980	27.366	78.6	15.019	.0	1482.0	9437.3	5.5
1020.0	1012.0	3.829	3.753	34.464	27.385	32.084	27.377	77.7	15.175	.0	1482.1	9735.9	4.9
1040.0 1060.0	1031.7 1051.5	3.788 3.740	3.711	34.469	27.393	32.184	27.386	76.9	15.330	.0	1482.3	10037.6	2.9
1080.0	1071.3	3.703	3.661 3.623	34.477 34.482	27.404 27.413	32.288	27.397	76.0	15.483	.0	1482.4	10342.3	2.3
1100.0	1091.1	3.661	3.580	34.484	27.413	32.388 32.486	27.404 27.410	75.3 74.8	15.634 15.785	-0	1482.6	10650.0	1.7
1120.0	1110.8	3,607	3.524	34.491	27.429	32.589	27.421	73.8	15.933	.0	1482.8 1482.9	10960.6 11274.1	.9 3.2
1140.0	1130.6	3.571	3.487	34.494	27.436	32.688	27.427	73.3	16.080	.ŏ	1483.1	11590.6	7.6
1160.0 1180.0	1150.3 1170.1	3.507 3.445	3.422 3.359	34.499	27.446	32.791	27.437	72.3	16.226	.0	1483.1	11909.9	7.6
				34.504	27.456	32.894	27.447	71.4	16.370	.0	1483.2	12232.0	2.9
1200.0 1220.0	1189.9 1209.6	3.394	3.307	34.506	27.462	32.993	27.454	70.8	16.512	.0	1483.3	12556.9	6.2
1240.0	1229.4	3.342 3.304	3.254 3.215	34.512 34.516	27.472	33.095	27.464	69.9	16.653	.0	1483.4	12884.6	7.1
1260.0	1249.2	3.256	3.165	34.519	27.479 27.486	33.194 33.293	27.470 27.477	69.3	16.792	.0	1483.6	13215.0	2.4
1280.0	1268.9	3.213	3.121	34.523	27.493	33.394	27.485	68.7 67.9	16.930 17.067	.0	1483.7 1483.9	13548.1 13883.9	.0
1300.0	1288.7	3.178	3.085	34.525	27.498	33.490	27.490	67.5	17.202	.ŏ	1484.1	14222.3	5.9 .9
1320.0	1308.4	3.150	3.055	34.528	27.503	33.587	27.494	67.1	17.337	.ŏ	1484.3	14563.4	3.6
1340.0 1360.0	1328.2 1347.9	3.112 3.065	3.016	34.531	27.509	33.685	27.500	66.6	17.470	.o	1484.5	14907.1	4.5
1380.0	1367.7	3.032	2.968 2.933	34.534 34.538	27.516 27.522	33.785	27.507	65.9	17.603	.0	1484.6	15253.4	1.6
						33.883	27.513	65.4	17.734	.0	1484.8	15602.2	2.5
1400.0 1420.0	1387.4 1407.1	3.007 2.961	2.908 2.860	34.541 34.545	27.527	33.979	27.518	65.0	17.865	.0	1485.0	15953.6	4.5
1440.0	1426.9	2.931	2.829	34.545	27.534 27.539	34.079 34.175	27.525 27.530	64.3	17.994	.0	1485.2	16307.6	5
1460.0	1446.6	2.894	2.790	34.550	27.545	34.274	27.536	63.9 63.3	18.122 18.249	-0	1485.4	16664.0	5.4
1480.0	1466.3	2.870	2.765	34.554	27.550	34.371	27.541	62.9	18.375	.0	1485.6 1485.8	17022.9 17384.3	6.9 5.1
1500.0	1486.1	2.827	2.721	34.557	27.556	34.469	27.547	62.3	18.500	.ŏ	1485.9	17748.1	1.3
1520.0 1540.0	1505.8	2.781	2.674	34.559	27.562	34.567	27.552	61.7	18.625	.ŏ	1486.1	18114.4	3.1
1560.0	1525.5 1545.3	2.754 2.718	2.646 2.608	34.561 34.565	27.567 27.573	34.664	27.557	61.3	18.747	.0	1486.3	18483.0	2.2
1580.0	1565.0	2.689	2.578	34.568	27.578	34.762 34.859	27.563 27.568	60.7	18.869	•0	1486.5	18854.1	3.1
1600.0								60.3	18.991	.0	1486.7	19227.5	6.1
1620.0	1584.7 1604.4	2.664 2.645	2.552 2.531	34.570 34.571	27.581 27.584	34.954	27.572	60.0	19.111	.0	1486.9	19603.2	4
1640.0	1624.2	2.620	2.505	34.573	27.588	35.048 35.143	27.574 27.578	59.8 59.4	19.231	٠,٥	1487.2	19981.3	3.2
1660.0	1643.9	2.579	2.462	34.576	27.594	35.242	27.584	58.8	19.350 19.468	.0	1487.4 1487.6	20361.7 20744.4	3.8 2.0
1680.0	1663.6	2.554	2.437	34.578	27.598	35.337	27.588	58.5	19.585	.ŏ	1487.8	21129.3	5.8
1700.0 1720.0	1683.3 1703.0	2.521	2.402	34.582	27.604	35.435	27.594	57.9	19.701	.0	1488.0	21516.6	3.8
1740.0	1722.7	2.474 2.440	2.354 2.319	34.585 34.588	27.611 27.616	35.535	27.601	57.2	19.817	.0	1488.1	21906.1	3.8
1760.0	1742.4	2.415	2.292	34.590	27.619	35.631 35.726	27.605 27.609	56.7 56.4	19.931 20.043	٠,٥	1488.3	22297.8	3.5
1780.0	1762.1	2.379	2.256	34.593	27.625	35.824	27.615	55.8	20.155	.0	1488.5 1488.7	22691.6 23087.7	3.3 3.6
1800.0	1781.8	2.357	2.232	34.595	27.629	35.919	27.618	55.5					
1820.0	1801.5	2.329	2.203	34.598	27.633	36.015	27.623	55.0	20.267 20.377	.0	1489.0 1489.2	23486.0 23886.3	2
1840.0	1821.2	2.307	2.180	34.598	27.635	36.109	27.625	54.8	20.487	:ŏ	1489.4	24288.8	1.8 1.8
1860.0 1880.0	1840.9 1860.6	2.275	2.146	34.603	27.642	36.207	27.631	54.2	20.596	.ŏ	1489.6	24693.5	1.0
1900.0	1880.3	2.262 2.224	2.131 2.092	34.603 34.606	27.643	36.300	27.633	54.1	20.705	.0	1489.9	25100.2	1.6
1920.0	1900.0	2.189	2.056	34.609	27.649 27.654	36.397 36.494	27.638 27.643	53.5 53.0	20.812	•0	1490.1	25509.0	2
1940.0	1919.7	2.163	2.029	34.612	27.658	36.590	27.648	52.6	20.919 21.024	.0	1490.3 1490.5	25919.9 26332.9	-:4
1960.0	1939.4	2.148	2.012	34.613	27.661	36.684	27.650	52.3	21.129	.ŏ	1490.8	26747.8	-: 7
1980.0	1959.1	2.129	1.992	34.615	27.664	36.778	27.653	52.1	21.233	.ŏ	1491.0	27164.8	2.5
2000.0	1978.8	2.113	1.974	34.616	27.666	36.871	27.655	51.9	21.337	.0	1491.3	27583.8	1.4
2050.0 2094.0	2028.0	2.067	1.925	34.620	27.674	37.106	27.662	51.2	21.595	.ŏ	1491.9	28640.1	3.7
2094.0	2071.3	2.042	1.897	34.624	27.679	37.310	27.667	50.8	21.819	.0	1492.6	29579.7	.o

Station 1	.03	Latitude	32. 13.	74'N	Longitu	ide 127°	16,22'W	07	May 1991	GMT 11	:25	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.9 49.8 59.8 69.7 89.7	15.706 15.717 15.210 15.110 15.052 15.349 15.351 14.958 14.615 14.594	15.706 15.716 15.207 15.105 15.046 15.341 15.342 14.947 14.603 14.581	33.205 33.208 33.192 33.182 33.175 33.383 33.439 33.372 33.304 33.330	24.434 24.534 24.538 24.556 24.655 24.729 24.775 24.775	24.434 24.479 24.622 24.681 24.733 24.873 24.959 25.038 25.104 25.173	24.434 24.533 24.547 24.555 24.650 24.693 24.727 24.748 24.773	348.7 348.9 339.8 338.7 338.2 329.4 325.7 322.7 320.9 318.8	.000 .349 .692 1.031 1.369 1.704 2.032 2.356 2.678 2.998	00000000000	1507.4 1507.6 1506.2 1506.0 1507.3 1507.6 1506.4 1505.4	1.7 6.9 15.5 27.5 42.8 61.4 83.2 108.3 136.6	.0 .8 11.3 7.8 5.4 57.6 52.9 27.7 19.4 76.0
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.1	14.249 13.529 12.046 10.865 10.574 10.111 9.673 9.300 9.111	14.235 13.514 12.031 10.850 10.557 10.094 9.656 9.282 9.092 8.986	33.305 33.251 33.200 33.158 33.196 33.288 33.360 33.440 33.546 33.666	24.829 24.936 25.186 25.368 25.449 25.600 25.729 25.853 25.966 26.076	25.272 25.424 25.722 25.952 26.079 26.276 26.452 26.452 26.781 26.937	24.826 24.933 25.183 25.366 25.446 25.597 25.726 25.726 25.963 26.073	313.9 303.9 280.1 262.7 255.1 240.9 228.7 217.1 206.5 196.2	3.314 3.622 3.915 4.186 4.445 4.692 4.927 5.151 5.363 5.564	00000000000	1504.5 1502.2 1497.3 1493.3 1492.4 1491.0 1488.6 1488.2 1488.1	168.0 202.5 240.1 280.4 323.3 368.8 416.7 466.8 519.1 573.4	67.1 38.6 275.2 96.6 108.9 105.3 129.5 163.4 90.8 60.3
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.6 278.6 288.5	9.044 8.841 8.767 8.750 8.653 8.453 8.280 8.177 8.040 7.951	9.023 8.819 8.744 8.726 8.628 8.427 8.253 8.150 8.012 7.922	33.782 33.830 33.906 33.929 33.964 33.983 33.990 33.993 33.996 33.999	26.161 26.231 26.302 26.323 26.365 26.411 26.443 26.461 26.484 26.500	27.066 27.182 27.299 27.365 27.453 27.545 27.623 27.687 27.756 27.817	26.158 26.227 26.299 26.361 26.407 26.439 26.457 26.480 26.495	188.4 181.9 175.3 173.5 169.6 165.3 162.4 160.8 158.8 157.4	5.756 5.940 6.120 6.294 6.466 6.634 6.798 6.959 7.119 7.277	0000000000	1488.5 1488.0 1488.1 1488.0 1487.4 1486.9 1486.7 1486.3 1486.2	629.6 687.8 747.7 809.4 872.8 937.9 1004.6 1072.9 1142.8 1214.3	92.6 36.6 51.2 25.5 32.2 42.7 36.0 32.1 48.8 9.3
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	7.802 7.610 7.437 7.253 7.119 6.918 6.791 6.611 6.500 6.383	7.773 7.580 7.406 7.222 7.087 6.886 6.758 6.578 6.466 6.348	34.000 34.002 34.003 34.003 34.005 34.005 34.007 34.014 34.017 34.026	26.522 26.552 26.577 26.603 26.623 26.650 26.670 26.679 26.716 26.738	27.886 27.963 28.035 28.108 28.174 28.249 28.315 28.391 28.391 28.523	26.518 26.548 26.573 26.599 26.619 26.665 26.665 26.712 26.734	155.4 152.6 150.3 147.9 146.0 143.4 141.6 138.9 137.3 135.3	7.433 7.588 7.739 7.888 8.035 8.180 8.322 8.462 8.600 8.737	00000000000	1485.7 1485.2 1484.7 1484.1 1483.7 1483.1 1482.8 1482.2 1482.0 1481.7	1287.4 1362.0 1438.1 1515.7 1594.7 1675.2 1757.1 1840.4 1925.1 2011.2	8.9 20.6 11.8 1.8 31.7 22.3 12.3 2.9 31.3
400.0 410.0 420.0 430.0 440.0 450.0 470.0 480.0 490.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1	6.275 6.145 6.024 5.852 5.737 5.620 5.535 5.490 5.390 5.352	6.240 6.109 5.988 5.816 5.700 5.583 5.497 5.451 5.351	34.034 34.040 34.035 34.036 34.042 34.057 34.063 34.070 34.076	26.759 26.775 26.796 26.813 26.828 26.848 26.869 26.880 26.880 26.897	28.591 28.654 28.721 28.786 28.848 28.914 28.983 29.040 29.104 29.159	26.754 26.771 26.791 26.809 26.824 26.843 26.865 26.875 26.875 26.902	133.4 131.8 129.9 128.2 126.8 125.0 123.0 122.1 120.5 119.7	8.871 9.004 9.134 9.263 9.391 9.517 9.641 9.763 9.884 10.005	00000000000	1481.4 1481.1 1480.8 1480.2 1479.9 1479.6 1479.4 1479.2 1479.2	2098.6 2187.2 2277.2 2368.5 2461.1 2554.9 2649.9 2746.2 2843.6 2942.3	16.9 38.3 28.0 5.4 30.9 28.5 12.7 6.8 10.0 15.6
500.0 510.0 520.0 530.0 540.0 550.0 570.0 580.0 590.0	496.9 506.8 516.7 536.6 546.5 556.4 566.3 586.2	5.256 5.247 5.188 5.145 5.078 5.040 4.972 4.898 4.851 4.819	5.215 5.206 5.146 5.103 5.035 4.996 4.927 4.853 4.773	34.083 34.097 34.105 34.109 34.116 34.123 34.135 34.139 34.138 34.155	26.923 26.935 26.949 26.957 26.971 26.981 26.998 27.009 27.002 27.031	29.222 29.281 29.340 29.395 29.455 29.575 29.633 29.633 29.748	26.918 26.931 26.944 26.952 26.966 26.976 26.993 27.004 27.017 27.026	118.1 117.1 115.9 115.2 113.9 113.0 111.4 110.4 110.4	10.123 10.241 10.357 10.473 10.587 10.700 10.813 10.923 11.033 11.142	0000000000	1479.0 1479.1 1479.1 1479.1 1479.0 1479.0 1478.9 1478.8 1478.8	3042.1 3143.1 3245.2 3348.5 3452.9 3558.4 3665.1 3772.9 3881.7 3991.6	11.8 15.0 19.4 16.8 3.0 13.2 20.6 11.2 4.7 8.0
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0 690.0	596.1 606.0 615.9 625.8 635.7 645.7 655.6 665.5 675.4 685.3	4.811 4.807 4.763 4.746 4.694 4.715 4.668 4.655 4.622 4.638	4.764 4.759 4.714 4.697 4.644 4.664 4.617 4.569 4.584	34.175 34.190 34.201 34.215 34.224 34.237 34.242 34.250 34.260 34.276	27.048 27.060 27.074 27.087 27.101 27.108 27.117 27.125 27.137 27.148	29.811 29.869 29.929 29.988 30.048 30.101 30.156 30.210 30.268 30.324	27.043 27.055 27.069 27.082 27.095 27.102 27.112 27.119 27.131 27.142	106.9 105.9 104.6 103.5 102.3 101.7 100.8 100.2 99.2 98.3	11.249 11.356 11.461 11.565 11.668 11.770 11.871 11.972 12.071 12.170		1478.9 1479.1 1479.1 1479.2 1479.4 1479.4 1479.5 1479.6 1479.8	4102.6 4214.6 4327.7 4441.8 4556.9 4673.0 4790.2 4908.3 5027.4 5147.5	32.9 8.0 9.7 11.2 4.2 10.0 1.8 18.2 7
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.636 4.621 4.596 4.558 4.532 4.502 4.484 4.465 4.336 4.369	4.581 4.566 4.540 4.502 4.475 4.444 4.425 4.405 4.277 4.308	34.293 34.300 34.308 34.314 34.321 34.327 34.334 34.339 34.331 34.346	27.162 27.170 27.178 27.188 27.196 27.204 27.212 27.218 27.225 27.233	30.384 30.438 30.492 30.548 30.603 30.657 30.711 30.763 30.818 30.872	27.156 27.163 27.172 27.181 27.190 27.198 27.205 27.211 27.219 27.227	97.1 96.4 95.7 94.8 94.1 93.4 92.8 92.3 91.4	12.268 12.364 12.460 12.556 12.650 12.744 12.837 12.929 13.021 13.113	0000000000	1480.0 1480.1 1480.2 1480.3 1480.3 1480.4 1480.5 1480.1 1480.4	5268.5 5390.5 5513.5 5637.4 5762.2 5888.0 6014.7 6142.2 6270.7 6400.1	7.4 7.4 2.5 16.5 10.4 10.4 10.4 8.9 7.5
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.359 4.312 4.312 4.272 4.235 4.163 4.161 4.143 4.108 4.077	4.297 4.250 4.249 4.208 4.172 4.099 4.096 4.077 4.041 4.010	34.356 34.367 34.374 34.384 34.393 34.398 34.406 34.409 34.417 34.425	27.243 27.257 27.262 27.275 27.285 27.297 27.304 27.308 27.318 27.328	30.927 30.987 31.038 31.097 31.154 31.213 31.265 31.315 31.372 31.428	27.236 27.250 27.255 27.268 27.279 27.297 27.301 27.311 27.321	90.0 88.7 88.3 87.2 86.2 85.0 84.5 84.2 83.3 82.4	13.203 13.292 13.381 13.469 13.555 13.641 13.726 13.810 13.894 13.976	0000000000	1480.6 1480.6 1480.7 1480.8 1480.6 1480.8 1480.9 1480.9	6530.4 6661.6 6793.6 6926.5 7060.3 7194.9 7330.3 7466.6 7603.7 7741.6	14.5 11.0 5.1 23.3 10.1 6.9 6.3 2.5 7.5
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.065 4.040 4.030 4.003 3.981 3.957 3.934 3.901 3.873 3.842	3.997 3.971 3.961 3.933 3.911 3.885 3.862 3.829 3.800 3.769	34.427 34.436 34.442 34.445 34.447 34.452 34.452 34.456 34.459	27.331 27.338 27.341 27.350 27.354 27.358 27.364 27.368 27.374 27.380	31.477 31.530 31.580 31.634 31.685 31.735 31.787 31.837 31.889 31.942	27.324 27.331 27.334 27.347 27.351 27.357 27.360 27.366 27.372	82.1 81.5 81.3 80.5 80.2 79.8 79.0 78.5 77.9	14.059 14.141 14.222 14.303 14.463 14.543 14.522 14.701 14.779	0000000000	1481.1 1481.2 1481.3 1481.3 1481.5 1481.6 1481.6 1481.6 1481.6	7880.3 8019.8 8160.1 8301.3 8443.2 8585.9 8729.4 8873.6 9018.6 9164.4	3.4 1.1 7.2 9.3 9.9 6.9 2.6 3.4 7.2

Station 1	03	Latitude	32° 13.	74'N	Longitu	ide 127°	16.22'W	07	May 1991	GMT 11	:25	Bottom	2490 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z		Delta	Dyn.Ht	LTR	sv	m ^{TF}	N ²
1000.0 1020.0 1040.0 1060.0	992.2 1011.9 1031.7 1051.5	3.820 3.798 3.747 3.690	3.745 3.722 3.670 3.612	34.463 34.467 34.475	27.385 27.391 27.402	kg/m ³ 31.993 32.091 32.194	kg/m ³ 27.377 27.383 27.394	10 ⁸ m ³ /kg 77.5 77.0 76.0	14.857 15.011 15.164	.0 .0 .0	m/s 1481.8 1482.0 1482.1	9311.0 9606.4 9904.8	10 ⁶ /s ² 6.1 2.6 5.5
1080.0 1100.0 1120.0 1140.0	1071.3 1091.0 1110.8 1130.6	3.618 3.578 3.539 3.490	3.539 3.498 3.457 3.407	34.479 34.484 34.489 34.493 34.498	27.412 27.422 27.430 27.437 27.446	32.296 32.400 32.500 32.599 32.701	27.404 27.414 27.423 27.429 27.438	75.2 74.2 73.5 72.9 72.1	15.315 15.465 15.612 15.759 15.904	•••••	1482.2 1482.3 1482.4 1482.6 1482.7	10206.2 10510.5 10817.7 11127.8 11440.8	2.9 .0 4.9 7.9 2.0
1160.0 1180.0	1150.3 1170.1	3.441 3.406	3.357 3.320	34.502 34.505	27.454 27.460	32.801 32.899	27.446 27.452	71.3	16.047 16.190	.ŏ	1482.9 1483.0	11756.6 12075.1	6.2
1200.0 1220.0 1240.0 1260.0 1380.0 1300.0 1320.0 1340.0	1189.9 1209.6 1229.4 1249.1 1268.9 1288.6 1308.4 1328.1	3.359 3.308 3.266 3.241 3.181 3.139 3.107 3.066	3.272 3.220 3.177 3.150 3.090 3.046 3.013 2.970 2.935	34.510 34.513 34.517 34.526 34.526 34.529 34.533 34.533 34.536	27.469 27.476 27.483 27.488 27.505 27.511 27.518 27.524	33.000 33.100 33.200 33.297 33.399 33.498 33.596 33.696 33.794	27.461 27.468 27.475 27.480 27.490 27.496 27.502 27.509 27.515	70.1 69.4 68.7 68.3 67.4 66.8 65.6 65.1	16.330 16.470 16.608 16.746 16.881 17.015 17.148 17.280 17.411	0000000000	1483.2 1483.3 1483.5 1483.7 1483.8 1483.9 1484.1 1484.3 1484.5	12396.5 12720.5 13047.3 13376.8 13708.9 14043.7 14381.0 14721.0 15063.5	5.3 3.8 1.2 3.0 4.1 1.2 1.2 3.6
1380.0 1400.0 1420.0 1440.0 1460.0 1500.0 1520.0 1540.0 1540.0 1580.0	1367.6 1387.4 1407.1 1426.8 1446.6 1466.3 1486.1 1505.8 1525.5 1545.2 1565.0	2.996 2.968 2.922 2.901 2.891 2.855 2.855 2.825 2.801 2.758	2.898 2.869 2.822 2.799 2.787 2.767 2.749 2.717 2.692 2.682 2.646	34.544 34.548 34.549 34.551 34.553 34.556 34.558 34.559 34.562	27.530 27.533 27.540 27.542 27.545 27.551 27.556 27.560 27.561 27.567	33.891 33.987 34.086 34.180 34.274 34.368 34.462 34.559 34.655 34.747 34.845	27.521 27.524 27.531 27.533 27.538 27.538 27.546 27.550 27.552 27.557	64.6 64.3 63.5 63.5 63.1 62.5 62.5 62.1 62.1	17.540 17.669 17.797 17.924 18.051 18.178 18.304 18.429 18.553 18.678 18.802	0 00000000000	1484.7 1484.9 1485.2 1485.5 1486.1 1486.3 1486.5 1486.5 1487.0	15408.5 15756.1 16106.2 16458.7 16813.7 17171.2 17531.1 17893.5 18258.3 18625.6 18995.2	5.7 .4 8.6 8.3 -1.0 -1.6 4.3 2.8 1.4 -1.2 2.3
1700.0 1720.0 1740.0 1760.0 1780.0	1584.7 1604.4 1624.1 1643.8 1663.6 1683.3 1703.0 1722.7 1742.4 1762.1	2.678 2.658 2.637 2.620 2.586 2.554 2.538 2.508 2.489 2.446	2.566 2.544 2.522 2.504 2.468 2.435 2.437 2.386 2.366 2.321	34.568 34.569 34.571 34.572 34.575 34.578 34.579 34.581 34.583	27.579 27.582 27.585 27.587 27.593 27.598 27.601 27.605 27.608 27.616	34.951 35.045 35.140 35.233 35.331 35.428 35.521 35.521 35.712 35.812	27.569 27.572 27.575 27.577 27.583 27.588 27.590 27.595 27.598 27.605	60.3 60.0 59.8 59.6 59.1 58.4 58.4 57.7	18.924 19.044 19.164 19.283 19.402 19.519 19.636 19.753 19.868 19.983	0000000000	1487.0 1487.2 1487.5 1487.7 1488.1 1488.4 1488.6 1488.8 1489.0	19367.2 19741.6 20118.3 20497.4 20878.7 21262.3 21648.2 22036.4 22426.8 22819.5	2.9 2.0 5.0 2.3 .6 1.5 -1.1 4.7 5.3
1820.0 1840.0 1860.0 1880.0 1900.0 1920.0 1940.0 1960.0 1980.0	1781.8 1801.5 1821.2 1840.9 1860.6 1880.3 1900.0 1919.7 1939.4 1959.1	2.404 2.375 2.317 2.319 2.298 2.258 2.237 2.220 2.208 2.158	2.278 2.248 2.219 2.189 2.167 2.126 2.104 2.086 2.072 2.021	34.591 34.595 34.597 34.599 34.600 34.604 34.606 34.607 34.609 34.613	27.622 27.627 27.631 27.635 27.638 27.645 27.647 27.650 27.653 27.660	35.910 36.007 36.103 36.198 36.292 36.391 36.485 36.579 36.672 36.772	27.611 27.616 27.621 27.624 27.627 27.637 27.637 27.639 27.642 27.649	56.3 55.8 55.4 55.0 54.8 54.1 53.6 53.6 53.4	20.096 20.208 20.320 20.430 20.540 20.649 20.757 20.864 20.971 21.077	.0000000000	1489.2 1489.4 1489.6 1489.8 1490.0 1490.2 1490.5 1490.7 1491.0	23214.3 23611.4 24010.6 24411.9 24815.4 25221.0 25628.7 26038.5 26450.3 26864.2	5.1 4.5 3.9 1.3 5 2.5 4.0 .7 .7
2050.0	1978.7 2027.9 2075.2	2.138 2.079 2.037	1.999 1.937 1.891	34.615 34.619 34.624	27.663 27.672 27.679	36.867 37.104 37.329	27.652 27.661 27.668	52.3 51.4 50.8	21.182 21.441 21.687	.0	1491.4 1492.0 1492.6	27280.2 28328.8 29347.2	.8 .2 .0

Station 1		Latitude				ide 127°			May 1991			Bottom	1130 m N ²
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	kg/m ³	$10^8 \text{m}^3/\text{kg}$		LTR 0/0	sv m/s	m ³ /s ²	106/82
.0 10.0 20.0 30.0 40.0 50.0 60.0 80.0 90.0	.0 10.0 19.9 29.9 49.8 59.8 69.7 79.7	15.891 15.895 15.097 15.093 15.094 14.874 14.809 14.653	15.891 15.894 15.162 15.093 15.087 15.087 14.865 14.799 14.641 14.552	33.234 33.232 33.187 33.179 33.181 33.229 33.311 33.334 33.311 33.303	24.415 24.413 24.549 24.552 24.589 24.700 24.732 24.748 24.761	24.415 24.457 24.628 24.681 24.729 24.809 24.965 25.041 25.102 25.159	24.415 24.413 24.548 24.551 24.587 24.698 24.730 24.746 24.758	350.5 351.0 339.2 338.6 338.6 335.4 325.1 322.3 321.1 320.2	.000 .351 .696 1.035 1.373 1.711 2.041 2.365 2.686 3.007	00000000000	1508.0 1508.2 1506.0 1506.0 1506.3 1505.9 1505.9 1505.4	.0 1.7 7.0 15.6 27.6 43.0 61.7 83.6 108.8	3.2 19.5 7.8 2.5 127.8 46.1 7.8 3.6
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.2	14.334 14.011 12.913 11.927 11.350 10.378 10.148 9.682 9.468 9.113	14.320 13.996 12.897 11.911 11.333 10.361 10.130 9.663 9.449 9.092	33.313 33.297 33.208 33.153 33.216 33.204 33.278 33.365 33.410 33.541	24.818 24.873 25.025 25.172 25.328 25.490 25.586 25.732 25.802 25.962	25.260 25.360 25.560 25.753 25.955 26.165 26.307 26.615 26.822	24.815 24.870 25.022 25.169 25.325 25.486 25.583 25.729 25.799 25.958	315.0 310.0 295.5 281.6 266.9 251.5 242.4 228.6 222.1 207.1	3.326 3.640 3.943 4.229 4.504 4.764 5.011 5.247 5.473 5.687	0000000000	1504.8 1503.9 1500.3 1497.0 1495.2 1491.9 1489.9 1489.3 1488.3	168.6 203.3 241.1 281.8 325.2 371.3 420.0 471.0 524.3 579.8	114.6 158.4 166.7 84.3 138.6 114.4 74.0 59.6 93.8 164.9
200.0 210.0 220.0 230.0 240.0 250.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	8.958 8.979 8.928 8.786 8.641 8.518 8.338 8.098 7.861 7.750	8.937 8.957 8.905 8.761 8.616 8.492 8.311 8.071 7.833 7.721	33.655 33.789 33.838 33.896 33.936 33.977 33.987 33.987 33.995 34.000 33.999	26.076 26.177 26.223 26.291 26.346 26.432 26.432 26.513 26.529	26.981 27.127 27.219 27.333 27.433 27.527 27.611 27.701 27.786 27.848	26.072 26.173 26.220 26.288 26.342 26.390 26.428 26.471 26.509 26.525	196.4 187.1 182.8 176.5 171.5 163.5 159.5 155.9 154.5	5.889 6.081 6.266 6.445 6.619 6.788 6.788 7.115 7.273	0000000000	1488.1 1488.5 1488.5 1488.2 1487.6 1487.1 1486.4 1485.6 1485.4	637.4 696.8 758.2 821.4 886.3 952.9 1021.1 1091.0 1162.5 1235.5	75.3 116.6 84.4 53.6 41.9 53.3 46.5 36.5 18.0 26.5
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.635 7.491 7.336 7.171 6.948 6.821 6.691 6.566 6.429 6.309	7.605 7.461 7.306 7.140 6.916 6.789 6.659 6.533 6.395 6.274	33.999 34.001 34.002 34.003 34.006 34.006 34.009 34.010 34.016 34.024	26.546 26.568 26.591 26.614 26.6647 26.6684 26.702 26.725 26.747	27.911 27.980 28.049 28.119 28.199 28.263 28.330 28.394 28.463 28.532	26.541 26.563 26.586 26.610 26.643 26.660 26.680 26.697 26.720 26.742	153.0 151.0 148.9 146.7 143.6 142.0 140.2 138.6 136.5	7.582 7.734 7.884 8.032 8.177 8.319 8.461 8.600 8.738 8.873	00000000000	1485.1 1484.7 1484.3 1483.8 1483.1 1482.7 1482.4 1482.1 1481.7 1481.4	1310.1 1386.1 1463.7 1542.7 1623.1 1705.0 1788.3 1873.0 1959.1 2046.5	23.8 3.6 28.5 19.4 42.5 9.1 13.1 27.8 22.5 7.5
400.0 410.0 420.0 430.0 440.0 450.0 460.0 480.0 490.0	397.7 407.7 417.6 427.5 437.4 447.3 467.2 477.1 487.0	6.220 6.076 5.919 5.803 5.744 5.628 5.565 5.497 5.384 5.314	6.185 6.040 5.884 5.766 5.707 5.526 5.526 5.458 5.345 5.274	34.027 34.031 34.034 34.036 34.039 34.046 34.053 34.064 34.068 34.082	26.761 26.782 26.804 26.821 26.830 26.850 26.862 26.879 26.879	28.593 28.661 28.730 28.794 28.849 28.916 28.975 29.039 29.103 29.169	26.756 26.777 26.799 26.816 26.825 26.845 26.858 26.858 26.892 26.911	133.2 131.2 129.1 127.5 126.7 124.8 123.7 122.1 120.5 118.7	9.007 9.139 9.269 9.397 9.525 9.651 9.775 9.898 10.019	0000000000	1481.2 1480.8 1480.3 1480.0 1479.9 1479.7 1479.6 1479.5 1479.2 1479.1	2135.2 2225.2 2316.6 2409.2 2503.0 2598.2 2694.5 2792.1 2890.9 2990.9	10.7 14.8 7.2 5.4 11.5 20.9 10.9 18.8 28.8 27.9
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	497.0 506.9 516.8 526.7 536.6 546.5 556.4 576.3 586.2	5.211 5.145 5.076 4.978 4.993 4.966 4.891 4.845 4.797	5.170 5.104 5.030 5.024 4.936 4.949 4.921 4.846 4.799 4.750	34.089 34.106 34.112 34.116 34.130 34.141 34.149 34.156 34.165 34.169	26.933 26.955 26.968 26.971 26.993 27.000 27.010 27.023 27.036 27.045	29.233 29.301 29.361 29.411 29.479 29.532 29.588 29.706 29.762	26.929 26.950 26.963 26.967 26.988 26.996 27.005 27.018 27.031 27.040	117.1 115.1 113.9 113.7 111.6 111.1 110.3 109.0 107.9	10.256 10.372 10.486 10.600 10.712 10.824 10.934 11.044 11.152		1478.8 1478.7 1478.6 1478.8 1478.8 1478.9 1478.7 1478.7	3092.0 3194.3 3297.7 3402.3 3508.0 3614.7 3722.6 3831.5 3941.6 4052.6	11.2 20.3 1.8 40.2 15.6 14.7 9.1 15.9 17.3 20.2
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.8 645.7 655.6 665.5 675.4 685.3	4.739 4.722 4.672 4.686 4.669 4.621 4.553 4.509 4.497 4.508	4.692 4.674 4.624 4.637 4.620 4.571 4.502 4.458 4.445	34.180 34.201 34.212 34.222 34.233 34.235 34.237 34.239 34.261	27.060 27.065 27.084 27.092 27.101 27.116 27.125 27.131 27.134 27.150	29.823 29.874 29.940 29.993 30.049 30.110 30.166 30.219 30.267 30.329	27.055 27.059 27.079 27.086 27.096 27.110 27.119 27.125 27.128 27.145	105.7 105.3 103.6 103.0 102.1 100.8 100.0 99.4 99.2 97.8	11.366 11.472 11.576 11.679 11.782 11.883 11.984 12.083 12.183 12.281	0000000000	1478.6 1478.7 1478.7 1479.0 1479.0 1479.0 1478.9 1478.9 1479.0	4164.8 4278.0 4392.2 4507.4 4623.7 4740.9 4859.2 4978.4 5098.6 5219.8	1.5 15.3 5.3 7.4 10.3 15.6 9.1 4.4 8.8 9.7
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.452 4.434 4.391 4.369 4.358 4.373 4.373 4.375 4.340 4.314	4.399 4.380 4.336 4.313 4.302 4.315 4.316 4.316 4.280 4.254	34.264 34.273 34.285 34.304 34.312 34.323 34.330 34.339 34.352 34.357	27.159 27.168 27.182 27.199 27.207 27.215 27.220 27.227 27.241 27.248	30.384 30.439 30.500 30.564 30.617 30.670 30.721 30.773 30.834 30.887	27.153 27.162 27.176 27.194 27.201 27.208 27.214 27.221 27.235 27.242	97.0 96.3 94.9 93.4 92.8 92.2 91.7 91.2 89.9	12.379 12.475 12.571 12.665 12.758 12.851 12.942 13.034 13.124 13.214	0000000000	1479.2 1479.3 1479.3 1479.5 1479.8 1480.0 1480.1 1480.2 1480.2	5342.0 5465.1 5589.1 5714.1 5840.0 5966.8 60923.2 6352.7 6483.1	18.8 13.5 24.7 8.9 7.1 9.2 2.8 17.4 7.7 6.0
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.289 4.220 4.198 4.192 4.181 4.164 4.173 4.159 4.142 4.109	4.228 4.159 4.136 4.129 4.117 4.100 4.108 4.093 4.075 4.042	34.368 34.372 34.382 34.383 34.390 34.405 34.411 34.417 34.421	27.260 27.267 27.273 27.281 27.283 27.291 27.302 27.308 27.315 27.321	30.945 30.999 31.051 31.105 31.153 31.207 31.263 31.315 31.368 31.421	27.253 27.261 27.266 27.274 27.277 27.284 27.295 27.301 27.308 27.314	88.3 87.6 87.1 86.4 86.3 85.6 84.7 84.2 83.7	13.303 13.391 13.478 13.565 13.651 13.737 13.823 13.907 13.991 14.074	.00000000000000000000000000000000000000	1480.3 1480.2 1480.3 1480.4 1480.5 1480.6 1480.9 1481.0 1481.1	6614.4 6746.5 6879.5 7013.4 7148.1 7283.7 7420.1 7557.3 7695.3 7834.2	16.2 2.8 9.8 3.4 10.4 12.2 5.5 9.6
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.3	4.095 4.071 4.059 4.021 3.991 3.958 3.948 3.914 3.887 3.860	4.027 4.003 3.989 3.951 3.921 3.887 3.876 3.842 3.814 3.786	34.422 34.434 34.438 34.439 34.444 34.446 34.451 34.453 34.457	27.324 27.330 27.337 27.344 27.356 27.356 27.366 27.370 27.376	31.469 31.522 31.575 31.628 31.679 31.733 31.781 31.835 31.885 31.937	27.316 27.323 27.330 27.337 27.341 27.349 27.351 27.358 27.362 27.369	82.9 82.3 81.7 81.1 80.7 80.0 79.9 79.2 78.8 78.3	14.157 14.240 14.322 14.403 14.484 14.564 14.644 14.724 14.803 14.881	0000000000	1481.2 1481.3 1481.4 1481.5 1481.5 1481.6 1481.6 1481.7 1481.8	7973.9 8114.4 82557.8 8540.7 8684.4 8828.9 8974.2 9120.2	2.2 11.0 9.6 2.5 3.1 1.7 1.4 8.1 7.5

Station 104	Latitude	32° 15.	97'N	Longitu	de 127°	15.13'W	07	May 1991	GMT 13	:13	Bottom	1130 m
Pres. Dep db m	h Temp.	Pot.T.	Sal 0/00	Sigma -0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	TF m ³ /s ²	N ² 10 ⁶ /s ²
1000.0 992 1020.0 1011 1040.0 1031 1060.0 1051 1080.0 1071 1100.0 1091 1120.0 1110 1126.0 1116	9 3.779 7 3.693 5 3.656 3 3.629 0 3.620 8 3.584	3.761 3.704 3.617 3.578 3.549 3.539 3.502 3.500	34.461 34.466 34.477 34.478 34.479 34.483 34.483	27.382 27.392 27.409 27.413 27.418 27.419 27.425 27.425	31.989 32.092 32.203 32.299 32.395 32.488 32.586 32.613	27.374 27.384 27.402 27.406 27.410 27.411 27.417 27.417	77.8 76.9 75.2 74.9 74.6 74.6 74.2	14.959 15.114 15.267 15.417 15.566 15.715 15.864 15.908	000000000000000000000000000000000000000	1481.8 1481.9 1481.9 1482.1 1482.3 1482.6 1482.8 1482.9	9414.6 9712.0 10012.4 10315.8 10622.2 10931.4 11243.6 11337.8	3.4 4.6 10.8 1.1 .8 5.8

Station 1	05	Latitude	32' 18.	58'N	Longitu	ide 127°	13.92'W	07	May 1991	GMT 14	:33	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma- 0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 40.0 50.0 60.0 80.0 90.0	.0 10.0 19.9 29.9 39.9 49.8 59.8 69.7 79.7	15.783 15.786 15.111 15.017 14.981 14.771 14.499 14.522 14.494 14.314	15.783 15.784 15.108 15.013 14.975 14.975 14.490 14.512 14.483 14.301	33.206 33.205 33.183 33.164 33.161 33.153 33.162 33.219 33.228 33.209	24.417 24.549 24.554 24.561 24.665 24.705 24.718 24.741	24.417 24.460 24.637 24.687 24.737 24.821 25.014 25.071 25.139	24.417 24.416 24.548 24.553 24.560 24.569 24.663 24.702 24.715 24.738	350.3 350.7 338.3 338.1 337.8 334.4 328.4 324.9 324.0 322.0	.000 .350 .699 1.038 1.375 1.712 2.043 2.369 2.693 3.016	0000000000	1507.7 1507.8 1505.8 1505.7 1505.7 1505.2 1504.5 1504.8 1504.9	.0 1.7 7.0 15.6 27.7 43.0 61.7 83.7 108.9 137.4	.0 .3 203.1 7.7 4.5 104.9 60.4 14.1 12.1 30.5
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.2	13.993 13.167 12.360 11.446 11.065 10.043 9.637 9.440 9.258 9.155	13.979 13.152 12.344 11.430 11.048 10.026 9.620 9.422 9.239 9.135	33.220 33.171 33.131 33.078 33.218 33.200 33.284 33.360 33.460 33.550	24.817 24.947 25.073 25.202 25.380 25.543 25.676 25.767 25.875 25.962	25.260 25.436 25.609 25.785 26.008 26.219 26.399 26.689 26.822	24.814 24.944 25.070 25.200 25.377 25.540 25.673 25.764 25.872 25.958	315.0 302.8 290.8 278.6 261.9 246.3 233.8 225.2 215.2 207.1	3.336 3.646 3.941 4.226 4.498 4.751 4.991 5.220 5.442 5.652	00000000000	1503.6 1500.9 1498.3 1495.2 1494.2 1490.7 1489.5 1489.0 1488.6 1488.5	169.0 203.8 241.5 282.2 325.6 371.6 420.1 470.9 523.9 579.1	137.1 139.8 76.1 154.7 225.0 141.3 106.1 109.6 118.9 96.1
200.0 210.0 220.0 230.0 240.0 250.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	8.941 8.971 8.819 8.707 8.578 8.431 8.327 8.139 7.980 7.800	8.920 8.949 8.796 8.683 8.553 8.405 8.301 8.112 7.952	33.632 33.743 33.824 33.887 33.953 33.978 33.987 33.994 33.997	26.060 26.142 26.230 26.297 26.369 26.410 26.433 26.468 26.493 26.521	26.966 27.093 27.226 27.339 27.457 27.544 27.613 27.694 27.765 27.840	26.056 26.138 26.226 26.293 26.365 26.406 26.429 26.464 26.489 26.517	197.9 190.3 182.1 175.9 169.3 165.4 163.4 160.2 157.9 155.3	5.854 6.049 6.236 6.415 6.588 6.755 6.920 7.081 7.240 7.397	0000000000	1488.0 1488.4 1488.1 1487.9 1487.7 1487.3 1487.1 1486.5 1486.1 1485.6	636.3 695.4 756.5 819.4 884.0 950.2 1018.2 1087.7 1158.9 1231.5	68.2 107.5 100.2 74.4 32.5 53.0 15.2 15.1 16.9 17.1
300.0 310.0 320.0 330.0 340.0 350.0 370.0 380.0 390.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.627 7.443 7.317 7.108 6.996 6.853 6.642 6.523 6.442 6.380	7.598 7.413 7.287 7.077 6.964 6.820 6.609 6.490 6.408 6.345	34.001 34.002 34.003 34.005 34.007 34.007 34.009 34.012 34.013 34.025	26.548 26.576 26.594 26.625 26.640 26.661 26.709 26.721 26.739	27.913 27.988 28.052 28.131 28.192 28.260 28.337 28.402 28.459 28.524	26.544 26.571 26.590 26.621 26.636 26.657 26.687 26.705 26.716 26.734	152.8 150.3 148.6 145.7 144.3 142.4 139.5 137.8 136.9 135.3	7.552 7.703 7.853 8.000 8.145 8.288 8.429 8.568 8.705 8.841	0000000000	1485.1 1484.5 1484.2 1483.5 1483.3 1482.9 1482.2 1482.2 1481.7 1481.7	1305.8 1381.5 1458.8 1537.5 1617.6 1699.2 1782.2 1866.6 1952.3 2039.4	51.4 34.1 34.6 26.7 20.8 35.1 18.7 16.9 15.7
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.7 417.6 427.5 437.4 447.3 467.2 477.1 487.0	6.325 6.203 6.097 5.968 5.766 5.654 5.572 5.497 5.435	6.290 6.167 6.060 5.931 5.837 5.728 5.616 5.532 5.458 5.394	34.027 34.028 34.031 34.033 34.036 34.041 34.047 34.057 34.063	26.747 26.759 26.778 26.796 26.809 26.824 26.843 26.857 26.875 26.887	28.578 28.637 28.702 28.767 28.827 28.889 28.955 29.016 29.080 29.138	26.742 26.755 26.773 26.791 26.804 26.820 26.838 26.852 26.870 26.882	134.5 133.4 131.7 130.0 128.8 127.3 125.7 124.3 122.7 121.6	8.976 9.110 9.243 9.374 9.503 9.631 9.758 9.883 10.006 10.128	00000000000	1481.6 1481.3 1481.0 1480.7 1480.5 1480.2 1479.9 1479.7 1479.6	2127.8 2217.5 2308.6 2401.0 2494.6 2589.5 2685.7 2783.1 2881.8 2981.7	8.7 21.0 17.5 15.7 8.3 16.8 9.2 21.5 7.7 22.9
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	497.0 506.9 516.8 526.7 536.6 546.5 556.4 576.3 586.2	5.361 5.307 5.237 5.176 5.093 5.014 4.988 4.908 4.856 4.809	5.320 5.266 5.195 5.133 5.050 4.970 4.943 4.863 4.810 4.762	34.072 34.079 34.090 34.098 34.111 34.121 34.133 34.143 34.150 34.157	26.903 26.914 26.931 26.945 26.965 26.982 26.994 27.012 27.023 27.034	29.201 29.259 29.322 29.383 29.449 29.513 29.572 29.636 29.634 29.751	26.898 26.910 26.926 26.940 26.960 26.977 26.989 27.007 27.018 27.028	120.2 119.1 117.6 116.3 114.4 112.9 111.7 110.1 109.1	10.249 10.369 10.487 10.604 10.720 10.833 10.945 11.056 11.166 11.274	0000000000	1479.4 1479.4 1479.3 1479.2 1479.0 1478.9 1478.8 1478.8 1478.8	3082.7 3185.0 3288.4 3393.0 3605.5 3713.5 3822.6 3932.7 4044.0	2.1 23.5 16.5 28.8 28.5 3.9 14.7 14.4
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0	596.1 606.0 615.9 625.8 635.8 645.7 655.6 675.4 685.3	4.753 4.725 4.685 4.662 4.663 4.631 4.607 4.579 4.551	4.707 4.677 4.637 4.613 4.603 4.580 4.556 4.527 4.499 4.474	34.169 34.177 34.188 34.208 34.212 34.223 34.230 34.234 34.239 34.249	27.049 27.059 27.072 27.091 27.095 27.106 27.115 27.121 27.128 27.138	29.813 29.869 29.928 29.993 30.043 30.100 30.155 30.208 30.260 30.317	27.044 27.054 27.067 27.085 27.090 27.101 27.109 27.115 27.122 27.133	106.7 105.9 104.7 103.0 102.7 101.7 101.0 100.4 99.9 98.9	11.382 11.488 11.594 11.697 11.800 11.902 12.003 12.104 12.204 12.304		1478.7 1478.7 1478.8 1478.9 1479.0 1479.1 1479.1 1479.2 1479.3 1479.3	4156.3 4269.6 4384.0 4499.4 4615.8 4733.3 4851.7 4971.2 5091.6 5213.0	11.5 4.1 17.6 12.9 27.9 5.3 2.7 5.9 12.1 8.0
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.515 4.494 4.459 4.443 4.411 4.390 4.385 4.402 4.377 4.338	4.461 4.439 4.403 4.387 4.355 4.332 4.327 4.343 4.317 4.278	34.255 34.268 34.276 34.280 34.288 34.297 34.300 34.321 34.326 34.335	27.145 27.157 27.168 27.173 27.182 27.192 27.195 27.210 27.217 27.228	30.369 30.428 30.485 30.535 30.591 30.696 30.756 30.809 30.867	27.139 27.151 27.162 27.166 27.176 27.186 27.189 27.204 27.211 27.222	98.4 97.3 96.4 96.0 95.2 94.3 94.1 92.9 92.3 91.2	12.402 12.500 12.597 12.693 12.789 12.884 12.978 13.071 13.164 13.255	0000000000	1479.5 1479.6 1479.7 1479.7 1479.8 1480.0 1480.2 1480.3	5335.4 5458.7 5583.0 5708.3 5834.5 5961.6 6089.7 6218.7 6348.6 6479.4	5.7 7.4 6.2 7.4 5.7 5.7 8.0 11.6 6.3 7.5
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.329 4.296 4.281 4.238 4.210 4.201 4.139 4.094 4.088 4.077	4.268 4.234 4.219 4.175 4.146 4.136 4.074 4.028 4.022 4.010	34.348 34.356 34.364 34.368 34.373 34.380 34.387 34.387 34.394	27.236 27.243 27.251 27.262 27.269 27.274 27.286 27.296 27.302 27.306	30.920 30.974 31.028 31.085 31.138 31.189 31.248 31.305 31.356 31.406	27.229 27.236 27.245 27.255 27.262 27.267 27.279 27.289 27.295 27.299	90.6 90.0 89.3 88.3 87.7 87.3 86.2 85.2 84.7 84.4	13.346 13.436 13.526 13.615 13.703 13.790 13.877 13.962 14.047 14.132	00000000000	1480.4 1480.5 1480.6 1480.6 1480.8 1480.7 1480.7 1480.8 1480.9	6611.1 6743.7 6877.1 7011.5 7146.7 7282.8 7419.7 7557.5 7696.1 7835.5	5.4 2.5 13.3 11.9 4.8 9.2 8.7 6.9 2.2
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.042 4.053 4.064 4.026 3.982 3.966 3.955 3.895 3.895	3.975 3.984 3.995 3.956 3.911 3.895 3.878 3.822 3.832 3.832	34.403 34.411 34.424 34.429 34.434 34.436 34.442 34.441 34.444 34.448	27.314 27.319 27.329 27.337 27.345 27.348 27.355 27.360 27.361 27.366	31.461 31.511 31.566 31.620 31.675 31.725 31.777 31.829 31.876 31.927	27.307 27.312 27.322 27.329 27.338 27.341 27.347 27.352 27.354 27.358	83.7 83.3 82.5 81.8 81.0 80.2 79.7 79.7	14.216 14.299 14.382 14.464 14.546 14.627 14.707 14.787 14.867 14.946	0000000000	1481.0 1481.2 1481.4 1481.4 1481.5 1481.6 1481.6 1481.8 1481.9	7975.8 8116.9 8258.8 8401.5 8545.0 8689.3 8834.4 8980.3 9127.0 9274.4	5.7 5.8 17.8 6.6 6.9 3.5 7.5

Station 1	105	Latitude	32. 18.	58'N	Longitu	ide 127°	13.92'W	07	May 1991	GMT 14	4:33	Bottom	2480 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn.Ht	LTR	sv	TF	N ²
db	m	·c ·	.c	0/00	kg/m ³	kg/m ³	kg/m ³	108m3/kg	J/kg	0/0	m/s	m ³ /s ²	10 ⁶ /s ²
1000.0	992.2	3.855			-		•	-	•				
1020.0	1011.9	3.784	3.780 3.708	34.447 34.453	27.369 27.381	31.976	27.361	79.0	15.026	٠.0	1481.9	9422.6	7.8
1040.0	1031.7	3.726	3.649	34.454	27.388	32.081 32.180	27.374 27.380	77.9 77.3	15.182 15.338	.0	1481.9 1482.0	9721.4 10023.2	3.7
1060.0	1051.5	3.693	3.615	34.460	27.396	32.280	27.388	76.7	15.492	:6	1482.2	10328.1	4.6 7.3
1080.0	1071.3	3.632	3.553	34.467	27.407	32.385	27.399	75.6	15.644	.ŏ	1482.3	10635.9	i.i
1100.0 1120.0	1091.0 1110.8	3.608	3.528	34.475	27.416	32.485	27.408	74.9	15.794	.0	1482.5	10946.7	2.0
1140.0	1130.6	3.595 3.543	3.513 3.460	34.478 34.488	27.420 27.433	32.580	27.412	74.6	15.943	.0	1482.8	11260.4	5.6
1160.0	1150.3	3.495	3.410	34.492	27.441	32.686 32.787	27.425 27.433	73.5 72.7	16.092 16.238	-0	1482.9	11577.1	2.0
1180.0	1170.1	3.440	3.354	34.499	27.452	32.890	27.444	71.7	16.382	.0	1483.1 1483.2	11896.6 12218.9	5.6 5.0
1200.0	1189.9	3.403	3 315	34.503									-
1220.0	1209.6	3.346	3.315 3.258	34.508	27.459 27.468	32.989 33.091	27.450 27.460	71.1 70.2	16.525	.0	1483.4	12544.1	3.5
1240.0	1229.4	3.296	3.206	34.514	27.478	33.194	27.470	69.3	16.666 16.806	.0	1483.4 1483.6	12872.0 13202.7	2.4 5.3
1260.0	1249.1	3.263	3.206 3.172	34.517	27.483	33.291	27.475	68.9	16.944	.ŏ	1483.8	13536.1	4.1
1280.0 1300.0	1268.9	3.215	3.123	34.522	27.492	33.392	27.484	68.0	17.081	.ō	1483.9	13872.2	3.6
1320.0	1288.7 1308.4	3.178 3.132	3.085 3.038	34.525 34.528	27.498 27.505	33.490	27.489	67.6	17.216	.0	1484.1	14210.9	3.6
1340.0	1328.2	3.112	3.016	34.520	27.508	33.589 33.684	27.496 27.500	66.9 66.7	17.351 17.484	٠,٥	1484.2	14552.2	3.3
1360.0	1347.9	3.082	2.985	34.532	27.513	33.781	27.504	66.3	17.617	.0	1484.5 1484.7	14896.2 15242.7	3.6 1.6
1380.0	1367.6	3.053	2.954	34.535	27.518	33.878	27.509	65.8	17.749	.ŏ	1484.9	15591.9	1.1
1400.0	1387.4	3.023	2.923	34.538	27.523	33.975		65.4				-	
1420.0	1407.1	2.974	2.873	34.542	27.531	34.075	27.514 27.522	64.6	17.880 18.010	.0	1485.1 1485.2	15943.6 16297.8	3.6
1440.0	1426.9	2.959	2.857	34.543	27.533	34.169	27.524	64.5	18.139	.ŏ	1485.5	16654.6	10.4 2.5
1460.0	1446.6	2.920	2.816	34.547	27.540	34,268	27.531	63.9	18.268	.ŏ	1485.7	17013.9	1.6
1480.0 1500.0	1466.3	2.901	2.796	34.549	27.543	34.362	27.534	63.7	18.395	.0	1485.9	17375.6	2.2
1520.0	1486.1 1505.8	2.872 2.839	2.766 2.731	34.551 34.555	27.548	34.459	27.539	63.2	18.522	.0	1486.1	17739.9	11.3
1540.0	1525.5	2.799	2.690	34.557	27.554 27.559	34.557 34.654	27.544 27.550	62.7	18.648	.0	1486.3	18106.6	4.6
1560.0	1545.3	2.745	2.635	34.562	27.568	34.756	27.559	62.2 61.3	18.773 18.896	.0	1486.5 1486.6	18475.7	3.1
1580.0	1565.0	2.712	2.601	34.565	27.574	34.854	27.564	60.8	19.018	.0	1486.8	18847.3 19221.2	2.0
1600.0	1584.7	2.688	2.575	34.568									
1620.0	1604.4	2.656	2.542	34.570	27.578 27.583	34.949 35.046	27.568 27.573	60.4	19.139	٠.	1487.0	19597.5	.5
1640.0	1624.1	2.613	2.498	34.573	27.589	35.144	27.579	60.0 59.4	19.260 19.379	.0	1487.2 1487.4	19976.1 20357.1	3.2
1660.0	1643.8	2.586	2.470	34.575	27.593	35.240	27.583	59.0	19.497	.ŏ	1487.6	20740.3	.6 1.4
1680.0	1663.6	2.557	2.439	34.578	27.597	35.336	27.587	58.6	19.615	.ŏ	1487.8	21125.9	4.1
1700.0 1720.0	1683.3 1703.0	2.530 2.480	2.411 2.360	34.581 34.585	27.602	35.433	27.592	58.1	19.732	.0	1488.0	21513.7	3.2
1740.0	1722.7	2.462	2.340	34.586	27.610 27.612	35.533 35.627	27.600 27.602	57.3 57.1	19.847	٠.	1488.1	21903.8	5.9
1760.0	1742.4	2.424	2.301	34.589	27.618	35.725	27.608	56.5	19.961 20.075	.0	1488.4 1488.6	22296.1 22690.6	4.1
1780.0	1762.1	2.409	2.285	34.590	27.620	35.818	27.610	56.4	20.188	.ŏ	1488.8	23087.3	3.3 2.1
1800.0	1781.8	2.391	2.265	34.592	27.624	35.913	27 612						
1820.0	1801.5	2.385	2.258	34.593	27.625	36.004	27.613 27.614	56.1 56.1	20.300 20.412	.0	1489.1 1489.4	23486.2 23887.2	5.3 1.3
1840.0	1821.2	2.371	2.242	34.595	27.627	36.098	27.617	55.9	20.524	.ŏ	1489.7	24290.4	2.2
1860.0 1880.0	1840.9	2.331	2.202 2.182	34.597	27.632	36.195	27.622	55.3	20.635	.ŏ	1489.9	24695.8	5
1900.0	1860.6 1880.3	2.313 2.265	2.182	34.599	27.635	36.289	27.625	55.1	20.746	.0	1490.1	25103.4	8.3
1920.0	1900.0	2.228	2.133 2.095	34.602 34.608	27.642 27.650	36.388 36.488	27.631	54.3	20.855	.0	1490.2	25513.0	3.9
1940.0	1919.7	2.202	2.067	34.610	27.654	36.583	27.639 27.643	53.6 53.2	20.963 21.070	.0 .0	1490.4 1490.6	25924.8	5.4
1960.0	1939.4	2.184	2.048	34.611	27.656	36.677	27.646	52.9	21.176	.0	1490.6	26338.6 26754.5	3.4 .5
1980.0	1959.1	2.170	2.033	34.612	27.658	36.770	27.647	52.8	21.282	.ŏ	1491.2	27172.4	-:7
2000.0	1978.8	2.148	2.010	34.615	27.662	36.865	27.651	52.4	21.387	.0	1491.4	27592.3	
2050.0	2027.9	2.083	1.941	34.619	27,671	37.103	27.660	51.5	21.647	:ŏ	1492.0	28651.1	1.4
2096.0	2073.2	2.053	1.908	34.622	27.676	37.316	27.665	51.1	21.883	.ŏ	1492.6	29636.1	
													-

Station 1	06	Latitude	32° 21.	93'N	Longit	ide 127°	11.82'W	07	May 1991	GMT 16	:17	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma -0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 59.8 69.7 79.7	15.742 15.185 14.995 14.955 14.909 14.610 14.422 14.147 14.094 14.015	15.742 15.184 14.996 14.950 14.603 14.603 14.137 14.083 14.002	33.202 33.160 33.161 33.162 33.150 33.136 33.125 33.129 33.122	24.424 24.547 24.556 24.566 24.577 24.661 24.710 24.725 24.736	24.424 24.591 24.644 24.698 24.753 24.853 24.827 25.021 25.080 25.135	24.424 24.546 24.555 24.565 24.576 24.631 24.660 24.708 24.723 24.734	349.7 338.2 337.7 337.0 336.2 331.3 328.8 324.3 323.2 322.4	.000 .349 .687 1.025 1.361 1.696 2.026 2.352 2.676 2.998	0000000000	1507.5 1505.9 1505.5 1505.5 1504.7 1504.7 1503.5 1503.5	.0 1.7 6.9 15.4 27.3 42.6 61.1 82.9 107.9 136.2	308.2 10.7 9.8 13.6 87.9 30.2 10.3 17.3
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 179.2 189.2	13.950 13.736 12.909 11.376 10.591 10.111 9.747 9.597 9.386 9.073	13.936 13.721 12.893 11.360 10.575 10.094 9.729 9.578 9.366 9.052	33.124 33.132 33.120 33.074 33.163 33.263 33.320 33.320 33.398 33.514	24.752 24.802 24.958 25.212 25.377 25.503 25.642 25.711 25.806 25.947	25.195 25.290 25.493 25.795 26.007 26.179 26.364 26.620 26.807	24.749 24.799 24.955 25.209 25.374 25.500 25.639 25.708 25.803 25.944	321.2 316.7 301.9 277.6 262.0 250.1 237.0 230.6 221.7 208.4	3.320 3.640 3.950 4.238 4.507 4.763 5.005 5.239 5.464 5.681	00000000000	1503.3 1502.8 1500.2 1495.0 1492.4 1490.9 1489.8 1489.5 1489.0 1488.1	167.6 202.3 240.1 280.9 324.4 370.5 419.1 470.1 523.3 578.7	27.2 86.9 216.2 229.1 164.8 143.7 28.8 67.7 77.7 205.3
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	8.900 8.875 8.753 8.722 8.608 8.483 8.396 8.254 8.168 8.042	8.879 8.853 8.730 8.698 8.583 8.457 8.370 8.227 8.140 8.013	33.628 33.712 33.811 33.875 33.936 33.961 33.977 33.982 33.986 33.992	26.063 26.133 26.230 26.285 26.351 26.389 26.415 26.441 26.457 26.480	26.969 27.084 27.227 27.327 27.438 27.523 27.594 27.667 27.728 27.798	26.060 26.130 26.227 26.281 26.347 26.385 26.411 26.437 26.453 26.476	197.6 191.1 182.1 177.1 171.0 167.5 165.2 162.8 161.4 159.3	5.883 6.076 6.263 6.443 6.617 6.786 6.952 7.116 7.278 7.438	0000000000	1487.8 1488.0 1487.8 1487.9 1487.5 1487.5 1487.3 1487.0 1486.8 1486.5	636.2 695.6 757.0 820.1 885.0 951.6 1019.8 1089.7 1161.2 1234.3	93.4 84.6 69.4 61.8 26.9 12.6 19.3 20.1 4 32.1
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.917 7.708 7.527 7.406 7.254 7.111 6.967 6.877 6.820 6.677	7.887 7.678 7.496 7.374 7.222 7.078 6.934 6.842 6.785 6.641	33.996 33.998 34.000 34.001 34.005 34.005 34.006 34.006 34.008	26.502 26.534 26.562 26.580 26.602 26.625 26.645 26.665 26.665	27.866 27.944 28.019 28.083 28.152 28.221 28.288 28.347 28.401 28.468	26.498 26.529 26.557 26.575 26.598 26.620 26.640 26.653 26.660 26.681	157.3 154.4 151.8 150.2 148.1 146.0 144.2 143.0 142.4 140.5	7.596 7.752 7.905 8.056 8.205 8.352 8.497 8.640 8.783 8.924	00000000000	1486.2 1485.5 1485.0 1484.7 1484.3 1483.9 1483.5 1483.3 1483.2 1482.8	1309.0 1385.2 1462.9 1542.2 1622.9 1705.1 1788.7 1873.8 1960.3 2048.1	29.2 27.7 14.8 13.9 25.8 41.6 4.7 .9 19.1 22.2
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.7 417.6 427.5 437.4 447.3 467.2 477.1 487.0	6.563 6.470 6.361 6.302 6.157 6.007 5.889 5.815 5.686 5.624	6.527 6.434 6.324 6.265 6.118 5.969 5.775 5.646 5.583	34.009 34.011 34.015 34.017 34.025 34.032 34.038 34.043 34.050 34.050	26.702 26.716 26.733 26.742 26.768 26.792 26.812 26.824 26.846 26.853	28.531 28.591 28.655 28.710 28.783 28.985 28.921 28.921 28.980 29.049 29.103	26.697 26.711 26.729 26.737 26.763 26.787 26.807 26.819 26.841 26.848	139.0 137.8 136.1 135.4 133.0 130.7 128.8 127.7 125.6 125.0	9.064 9.202 9.339 9.475 9.609 9.741 9.871 9.999 10.126 10.251	0000000000	1482.5 1482.3 1482.0 1482.0 1481.6 1481.2 1480.7 1480.7 1480.3	2137.4 2228.1 2320.1 2413.4 2508.1 2604.1 2701.4 2799.9 2899.8 3000.8	15.5 12.3 7.3 25.4 27.2 23.3 27.4 13.0 18.6 4.8
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 590.0	497.0 506.9 516.8 526.7 536.6 546.5 556.5 556.4 576.3 586.2	5.552 5.511 5.443 5.402 5.339 5.287 5.194 5.141 4.984	5.510 5.469 5.400 5.359 5.294 5.242 5.149 5.095 5.044 4.937	34.055 34.064 34.068 34.083 34.096 34.104 34.115 34.124 34.133 34.143	26.866 26.878 26.890 26.906 26.937 26.957 26.957 26.983 27.003	29.162 29.221 29.279 29.341 29.406 29.465 29.531 29.591 29.590 29.718	26.861 26.873 26.885 26.901 26.919 26.932 26.951 26.965 26.978 26.998	123.8 122.7 121.7 120.2 118.6 117.4 115.6 114.4 113.2	10.375 10.499 10.621 10.742 10.862 10.980 11.096 11.211 11.325 11.437	0000000000	1480.2 1480.2 1480.1 1480.1 1480.0 1479.8 1479.7 1479.7	3103.1 3206.6 3311.4 3417.3 3524.4 3632.7 3742.2 3852.8 3964.5 4077.3	4.5 38.8 13.0 10.4 15.6 26.5 21.5 23.5 8.6 11.8
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0	596.1 606.0 615.9 625.8 635.8 645.7 655.6 665.5 675.4 685.3	4.935 4.861 4.800 4.773 4.808 4.708 4.666 4.627 4.599 4.584	4.888 4.813 4.751 4.723 4.758 4.657 4.614 4.575 4.546 4.531	34.150 34.159 34.168 34.173 34.191 34.199 34.211 34.223 34.234 34.246	27.014 27.030 27.044 27.051 27.061 27.079 27.093 27.107 27.119 27.130	29.775 29.838 29.898 29.951 30.007 30.072 30.133 30.192 30.251 30.308	27.009 27.025 27.039 27.045 27.056 27.073 27.088 27.101 27.113 27.124	110.3 108.8 107.5 106.9 106.1 104.4 103.1 101.9 100.8 99.8	11.548 11.658 11.766 11.873 11.979 12.085 12.188 12.291 12.392 12.493	00000000000	1479.4 1479.3 1479.2 1479.3 1479.4 1479.4 1479.4 1479.4 1479.4	4191.2 4306.2 4422.3 4539.5 4657.7 4776.9 4897.2 5018.5 5140.7 5264.0	20.0 21.7 17.1 10.3 19.7 15.6 4.8 12.4 15.6
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.7 764.5 774.5 784.3	4.580 4.564 4.526 4.526 4.497 4.471 4.423 4.387 4.384 4.329	4.526 4.509 4.470 4.470 4.440 4.364 4.328 4.324 4.269	34.254 34.259 34.267 34.283 34.283 34.296 34.308 34.316 34.321 34.330	27.137 27.143 27.153 27.158 27.170 27.182 27.197 27.208 27.212 27.225	30.360 30.412 30.469 30.520 30.577 30.636 30.697 30.754 30.805 30.864	27.131 27.137 27.147 27.152 27.163 27.176 27.191 27.201 27.206 27.219	99.3 98.8 97.8 97.5 96.5 95.4 94.0 93.0 92.7 91.5	12.592 12.691 12.789 12.887 12.984 13.080 13.175 13.268 13.361 13.454	0000000000	1479.7 1479.8 1479.8 1480.0 1480.1 1480.1 1480.2 1480.3 1480.3	5388.3 5513.5 5639.7 5766.9 5895.0 6024.1 6154.1 6285.0 6416.9 6549.6	10.6 13.6 -1.1 15.1 1.9 16.2 11.3 11.3 6.9
800.0 810.0 820.0 830.0 840.0 850.0 870.0 880.0 890.0	794.3 804.2 814.1 824.0 833.9 843.8 853.7 863.5 873.5 883.3	4.320 4.294 4.276 4.256 4.234 4.184 4.134 4.112 4.084 4.056	4.259 4.232 4.214 4.193 4.170 4.120 4.069 4.047 4.018 3.989	34.335 34.353 34.358 34.363 34.369 34.375 34.382 34.385 34.385	27.231 27.239 27.249 27.255 27.262 27.272 27.282 27.289 27.295 27.304	30.915 30.970 31.026 31.078 31.131 31.188 31.244 31.298 31.350 31.405	27.224 27.233 27.242 27.249 27.256 27.265 27.275 27.283 27.288 27.297	91.1 90.3 89.5 88.9 88.3 87.4 86.5 85.8 85.8	13.545 13.635 13.725 13.814 13.903 13.991 14.078 14.164 14.250 14.335	0000000000	1480.4 1480.5 1480.6 1480.7 1480.7 1480.7 1480.7 1480.8 1480.8	6683.3 6817.9 6953.3 7089.6 7226.8 7364.9 7503.8 7643.6 7784.2 7925.6	11.3 5.1 8.6 4.8 3.7 16.6 8.1 5.1
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.8 942.7 952.6 962.5 972.4 982.3	4.023 4.019 3.975 3.954 3.949 3.923 3.895 3.882 3.884	3.955 3.951 3.985 3.885 3.852 3.852 3.823 3.810 3.783 3.760	34.403 34.406 34.409 34.415 34.422 34.429 34.432 34.437 34.442	27.310 27.317 27.323 27.328 27.333 27.342 27.350 27.350 27.360 27.367	31.458 31.510 31.563 31.614 31.665 31.719 31.774 31.824 31.876 31.929	27.303 27.310 27.316 27.321 27.326 27.334 27.343 27.347 27.353 27.360	83.9 83.5 82.9 82.4 82.0 81.3 80.5 80.2 79.7	14.419 14.503 14.586 14.669 14.751 14.833 14.913 14.994 15.074	0000000000	1480.9 1481.0 1481.0 1481.1 1481.3 1481.3 1481.4 1481.5 1481.5	8067.9 8211.0 8354.9 8499.6 8645.2 8791.5 8938.7 9086.6 9235.3 9384.8	4.9 13.4 11.3 1.6 1.7 7.8 6.9 4.6 7.8

Station 1	106	Latitude	32° 21.	93'N	Longitu	de 127°	11.82'W	07	May 1991	GMT 1	6:17	Bottom	4150 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn.Ht	LTR	sv	TF	Ŋ ²
db	m	•c	.c	0/00	kg/m ³	kg/m ³	kg/m ³	108m3/kg	J/kg	0/0	m/s	m ³ /s ²	10 ⁶ /s ²
1000.0	992.2	3.799	3.725	34.447	27.375	31.983	27.367	78.4	15.232		1481.6	9535.1	
1020.0	1012.0	3.757	3.681	34.453	27.384	32.084	27.376	77.6	15.388	.0	1481.8	9837.9	8.1 2.3
1040.0 1060.0	1031.7	3.721	3.644	34.458	27.392	32.184	27.384	76.9	15.542	.ŏ	1482.0	10143.8	7.3
1080.0	1051.5 1071.3	3.659 3.618	3.582 3.539	34.467	27.405	32.291	27.397	75.7	15.695	.0	1482.1	10452.7	4.3
1100.0	1091.1	3.576	3.496	34.474 34.480	27.414 27.423	32.392	27.407	74.9	15.845	.0	1482.2	10764.5	1.1
1120.0	1110.8	3.520	3.438	34.487	27.434	32.493 32.597	27.415 27.426	74.1 73.1	15.995 16.142	٠,٥	1482.4 1482.5	11079.3	7.9
1140.0	1130.6	3.489	3.406	34.491	27.441	32.695	27.433	72.6	16.288	.0	1482.5	11396.9 11717.5	3.2 5.8
1160.0 1180.0	1150.4	3.444	3.360	34.496	27.449	32.796	27.441	71.8	16.432	.ŏ	1482.9	12040.8	5.0
	1170.1	3.402	3.316	34.501	27.457	32.896	27.449	71.1	16.575	.0	1483.0	12367.0	2.9
1200.0	1189.9	3.351	3.264 3.217	34.506	27.466	32.998	27.458	70.3	16.716	.0	1483.1	12696.0	7.6
1220.0 1240.0	1209.6	3.305	3.217	34.510	27.474	33.098	27.465	69.6	16.856	.ŏ	1483.3	13027.7	1.2
1260.0	1229.4 1249.2	3.261 3.234	3.172 3.143	34.514 34.515	27.481	33.198	27.473	68.9	16.995	.0	1483.4	13362.1	1.2
1280.0	1268.9	3.193	3.101	34.520	27.485 27.493	33.294 33.393	27.477 27.484	68.6	17.132	.0	1483.6	13699.2	4.4
1300.0	1288.7	3.158	3.065	34.525	27.500	33.493	27.491	67.9 67.3	17.269 17.404	.0	1483.8 1484.0	14038.9 14381.4	4.2
1320.0	1308.4	3.119	3.025	34.528	27.506	33.591	27.498	66.7	17.538	.ŏ	1484.2	14726.4	4.2
1340.0 1360.0	1328.2 1347.9	3.091	2.995	34.529	27.509	33.686	27.501	66.5	17.671	.õ	1484.4	15074.1	2.1
1380.0	1367.7	3.048 3.027	2.951 2.929	34.532 34.537	27.516	33.786	27.507	65.8	17.803	.0	1484.5	15424.3	3.6
	_				27.522	33.883	27.513	65.4	17.934	.0	1484.8	15777.1	2
1400.0 1420.0	1387.4	2.992	2.892	34.539	27.527	33.980	27.518	64.9	18.065	.0	1485.0	16132.5	1.0
1440.0	1407.1 1426.9	2.965 2.935	2.865 2.833	34.542 34.544	27.532	34.076	27.522	64.6	18.194	.0	1485.2	16490.4	7.2
1460.0	1446.6	2.910	2.806	34.544	27.536 27.540	34.173 34.268	27.527 27.531	64.2	18.323	.0	1485.4	16850.8	3.4
1480.0	1466.3	2.878	2.773	34.550	27.546	34.366	27.531	63.8 63.3	18.451 18.578	٠٥.	1485.6	17213.6	-2.5
1500.0	1486.1	2.835	2.729	34.554	27.553	34.466	27.544	62.6	18.704	.0	1485.8 1486.0	17579.0 17946.8	4.0 6.6
1520.0	1505.8	2.802	2.695	34.557	27.559	34.563	27.549	62.1	18.829	.ŏ	1486.2	18317.1	4.9
1540.0 1560.0	1525.5	2.761	2.652	34.560	27.565	34.662	27.556	61.5	18.952	.ŏ	1486.3	18689.8	1.7
1580.0	1545.3 1565.0	2.724 2.703	2.615 2.592	34.563	27.570	34.759	27.561	61.0	19.075	.0	1486.5	19064.9	6.4
				34.563	27.573	34.853	27.563	60.8	19.197	.0	1486.7	19442.3	2.9
1600.0 1620.0	1584.7 1604.4	2.655	2.543	34.567	27.580	34.953	27.570	60.1	19.317	.0	1486.9	19822.1	3.2
1640.0	1624.2	2.619 2.594	2.506 2.479	34.572 34.575	27.587	35.052	27.577	59.4	19.437	.0	1487.1	20204.3	3.2
1660.0	1643.9	2.562	2.446	34.578	27.592 27.597	35.148 35.246	27.582 27.587	59.0	19.555	.0	1487.3	20588.7	7.0
1680.0	1663.6	2.538	2.420	34.579	27.601	35.340	27.590	58.5 58.2	19.672 19.789	.0	1487.5 1487.7	20975.4 21364.4	4.4
1700.0	1683.3	2.506	2.420	34.582	27.605	35.437	27.595	57.7	19.905	:ŏ	1487.9	21755.7	3.8 4.1
1720.0 1740.0	1703.0 1722.7	2.485	2.365	34.583	27.608	35.531	27.598	57.5	20.020	.ŏ	1488.2	22149.1	2.4
1760.0	1742.4	2.461 2.428	2.339 2.305	34.585 34.588	27.612	35.627	27.602	57.1	20.135	.0	1488.4	22544.9	.0
1780.0	1762.1	2.387	2.264	34.590	27.617 27.622	35.723 35.821	27.607 27.612	56.7	20.248	.0	1488.6	22942.8	2.1
1800.0								56.1	20.361	.0	1488.8	23342.9	1.5
1820.0	1781.8 1801.5	2.371 2.352	2.246 2.225	34.593 34.594	27.626 27.628	35.916	27.616	55.8	20.473	.0	1489.0	23745.2	2
1840.0	1821.2	2.352 2.330	2.202	34.596	27.631	36.009 36.104	27.618 27.621	55.6 55.3	20.584 20.695	٠٥.	1489.3	24149.6	1.8
1860.0	1840.9	2,299	2.170	34.599	27.637	36.201	27.626	54.7	20.895	.0	1489.5 1489.7	24556.2 24965.0	1.0
1880.0	1860.6	2.281	2.150	34.601	27.640	36.295	27.629	54.5	20.915	.ŏ	1490.0	25375.8	1.3 5
1900.0 1920.0	1880.3 1900.0	2.262 2.236	2.130	34.603	27.644	36.390	27.633	54.2	21.024	.ŏ	1490.2	25788.8	1.9
1940.0	1919.7	2.236	2.103 2.075	34.605 34.607	27.647 27.651	36.485 36.580	27.636	53.9	21.132	.0	1490.5	26203.9	-1.0
1960.0	1939.4	2.191	2.055	34.609	27.654	36.580	27.640 27.643	53.5 53.2	21.239 21.346	-0	1490.7	26621.0	4.8
1980.0	1959.1	2.171	2.034	34.611	27.657	36.769	27.646	52.9	21.452	.0	1490.9 1491.2	27040.2 27461.5	1.9 2.2
2000.0	1978.8	2.151	2.012	34.612	27.660	36,863							
2050.0	2028.0	2.100	1.957	34.617	27.668	37.098	27.649 27.657	52.6 51.9	21.558 21.818	.0	1491.4 1492.1	27884.8	1.4
2098.0	2075.2	2.061	1.915	34.621	27.675	37.323	27.663	51.3	22.066	.ŏ	1492.7	28952.0 29988.2	2.3

Station 1	L 0 7	Latitude	32° 28.	.50'N	Longit	ude 127°	08.79'W	07	May 1991	GMT 1	B:50	Bottom	4480 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-6 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /ke	Dyn.Ht g J/kg	LTR 0/0	SV m/s	TF m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 59.8 69.7 79.7	15.826 15.654 15.043 14.963 14.831 14.235 14.269 14.357 14.357	15.826 15.653 15.040 14.958 14.825 14.228 14.261 14.342 14.345 14.323	33.341 33.167 33.120 33.113 33.142 33.155 33.251 33.246 33.270 33.293	24.512 24.417 24.515 24.527 24.715 24.715 24.744 24.761 24.779 24.802	24.512 24.461 24.603 24.659 24.755 24.937 25.009 25.071 25.200	24.512 24.416 24.514 24.526 24.577 24.713 24.742 24.759 24.777 24.779	341.2 350.6 341.6 340.7 336.1 323.3 320.9 319.5 318.1 316.3	.000 .346 .689 1.030 1.369 2.021 2.341 2.660 2.977	00000000000	1508.0 1507.4 1505.5 1505.2 1503.5 1503.8 1504.3 1504.5	1.7 6.9 15.4 27.4 42.7 61.2 82.9 107.8 135.9	182.4 13.3 55.5 91.5 54.5 35.6 17.6 18.2 28.5
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2	13.939 13.087 11.390 10.810 10.368 9.981 9.814 9.673 9.320 9.376	13.925 13.073 11.375 10.795 10.351 9.965 9.796 9.654 9.300 9.356	33.270 33.235 33.170 33.154 33.138 33.167 33.206 33.288 33.368 33.542	24.867 25.012 25.284 25.375 25.439 25.586 25.586 25.673 25.793 25.920	25.310 25.502 25.822 25.959 26.070 26.204 26.308 26.441 26.607 26.779	24.864 25.009 25.281 25.372 25.437 25.525 25.583 25.670 25.790 25.917	310.3 296.6 270.6 262.0 256.0 247.7 242.3 234.2 222.9 211.1	3.291 3.595 3.880 4.148 4.407 4.658 4.904 5.143 5.372 5.588	00000000000	1503.5 1500.7 1495.0 1493.1 1491.6 1490.4 1490.0 1489.8 1488.7 1489.3	167.1 201.4 238.6 278.6 321.2 366.3 413.8 463.8 516.1	100.7 202.2 148.3 112.7 49.1 24.4 68.3 94.7 192.1 54.5
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.373 9.363 9.153 9.143 8.846 8.731 8.609 8.577 8.518 8.413	9.352 9.340 9.129 9.118 8.821 8.704 8.582 8.549 8.489 8.384	33.647 33.706 33.738 33.835 33.873 33.915 33.969 34.010 34.040 34.060	26.003 26.051 26.110 26.188 26.264 26.377 26.414 26.446 26.478	26.907 27.000 27.105 27.228 27.351 27.447 27.555 27.637 27.715 27.793	26.000 26.047 26.106 26.184 26.260 26.311 26.372 26.410 26.442 26.474	203.4 199.1 193.6 186.5 179.3 174.6 168.9 165.6 159.8	5.797 5.998 6.195 6.385 6.569 6.746 6.918 7.085 7.249	00000000000	1489.6 1489.8 1489.2 1489.5 1488.6 1488.4 1488.2 1488.2 1488.2	627.2 685.8 746.4 808.9 873.3 939.5 1007.3 1076.9	147.4 20.6 135.1 11.5 75.3 51.3 23.7 46.0 33.4 14.4
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	8.285 8.178 8.008 7.887 7.756 7.632 7.481 7.437 7.282 7.090	8.254 8.146 7.975 7.854 7.722 7.597 7.446 7.402 7.246 7.053	34.073 34.090 34.095 34.086 34.089 34.093 34.093 34.092 34.097 34.103	26.508 26.538 26.567 26.577 26.600 26.618 26.642 26.648 26.674 26.705	27.869 27.945 28.020 28.077 28.145 28.210 28.281 28.332 28.405 28.483	26.503 26.533 26.562 26.573 26.594 26.613 26.637 26.643 26.669 26.700	157.0 154.3 151.7 150.8 148.8 147.1 144.8 144.4 144.4	7.569 7.725 7.878 8.029 8.179 8.326 8.473 8.617 8.760	00000000000	1487.7 1487.5 1487.0 1486.7 1486.3 1486.0 1485.6 1485.6 1485.2 1484.6	1295.3 1371.2 1448.7 1527.7 1608.1 1690.1 1773.5 1858.3 1944.6 2032.2	32.5 44.2 18.7 21.3 51.2 4.3 27.1 20.1 12.7 22.9
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.7 417.6 427.5 437.4 447.4 457.3 467.2 477.1 487.0	6.939 6.572 6.189 6.132 6.254 6.044 6.107 5.993 5.965 5.741	6.902 6.535 6.152 6.094 6.215 6.005 6.067 5.953 5.923 5.700	34.099 34.053 34.020 34.066 34.063 34.090 34.088 34.097 34.088	26.723 26.736 26.759 26.767 26.788 26.812 26.825 26.838 26.849 26.869	28.548 28.610 28.683 28.736 28.802 28.874 28.932 28.992 29.048 29.117	26.718 26.731 26.754 26.762 26.783 26.807 26.820 26.833 26.834 26.844	137.4 136.0 133.6 132.9 131.2 128.8 127.8 126.6 125.7 123.6	9.039 9.175 9.310 9.443 9.575 9.706 9.834 9.961 10.087	0000000000	1484.1 1482.8 1481.4 1481.3 1482.0 1481.4 1481.5 1481.5 1481.5	2121.2 2211.6 2303.3 2396.4 2490.7 2586.4 2683.3 2781.5 2881.0 2981.6	8.6 25.5 13.7 11.6 16.9 39.4 28.0 1 13.4 6.6
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.6 546.5 556.5 556.5 576.3	5.811 5.684 5.655 5.683 5.589 5.428 5.344 5.364 5.324 5.267	5.768 5.641 5.638 5.544 5.383 5.296 5.276 5.276	34.116 34.120 34.131 34.150 34.163 34.161 34.168 34.186 34.196 34.205	26.883 26.902 26.914 26.926 26.947 26.966 26.981 26.993 27.006 27.019	29.176 29.242 29.300 29.356 29.425 29.491 29.553 29.619 29.729	26.878 26.897 26.909 26.920 26.942 26.960 26.976 26.988 27.000 27.014	122.5 120.8 119.7 118.8 116.7 114.9 113.5 112.5 111.4 110.2	10.335 10.456 10.577 10.696 10.814 10.930 11.044 11.157 11.269 11.380	.0	1481.3 1481.0 1481.0 1481.3 1481.1 1480.6 1480.7 1480.7	3083.5 3186.6 3290.9 3396.4 3503.1 3610.9 3719.8 3829.9 3941.0 4053.3	27.7 22.7 16.0 17.8 20.4 16.5 4.8 6.3 12.5
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.8 645.7 655.6 665.5 675.4 685.3	5.225 5.151 5.093 5.086 5.032 4.997 4.932 4.913 4.835 4.771	5.176 5.102 5.043 5.035 4.981 4.945 4.879 4.859 4.717	34.217 34.226 34.232 34.250 34.260 34.263 34.272 34.282 34.284 34.288	27.035 27.050 27.062 27.076 27.091 27.097 27.112 27.122 27.133 27.143	29.791 29.853 29.911 29.972 30.032 30.085 30.147 30.203 30.260 30.317	27.029 27.044 27.056 27.071 27.085 27.092 27.106 27.116 27.127 27.137	108.8 107.4 106.3 105.0 103.7 103.1 101.7 100.9 99.9 98.9	11.490 11.598 11.705 11.810 11.915 12.018 12.120 12.222 12.322 12.422	0000000000	1480.7 1480.6 1480.5 1480.7 1480.6 1480.6 1480.5 1480.5 1480.4	4166.7 4281.1 4396.6 4513.1 4630.6 4749.2 4868.8 4989.4 5111.0 5233.6	9.8 17.1 15.4 8.7 15.1 14.5 1.6 12.2 9.5
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0	695.2 705.1 715.0 724.9 734.8 754.6 764.5 774.4 784.3	4.773 4.672 4.659 4.5597 4.522 4.477 4.485 4.483 4.447	4.717 4.616 4.602 4.540 4.465 4.419 4.426 4.411 4.422 4.386	34.308 34.315 34.324 34.327 34.327 34.333 34.346 34.353 34.368 34.374	27.158 27.175 27.184 27.195 27.201 27.211 27.221 27.228 27.239 27.247	30.378 30.442 30.497 30.554 30.668 30.664 30.719 30.773 30.829 30.883	27.152 27.169 27.178 27.188 27.195 27.205 27.214 27.222 27.233 27.240	97.6 96.0 95.2 94.2 93.6 92.7 91.9 90.4 89.7	12.520 12.616 12.712 12.807 12.901 12.994 13.086 13.178 13.269 13.359	0000000000	1480.6 1480.3 1480.5 1480.4 1480.2 1480.2 1480.4 1480.6 1480.8	5357.1 5481.6 5607.1 5733.5 5860.8 5989.0 6118.2 6248.2 6379.1 6511.0	22.1 8.3 15.7 5.4 8.6 3.9 14.2 8.6 9.5
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.7 853.6 863.5 873.4 883.3	4.388 4.293 4.265 4.268 4.175 4.133 4.105 4.069	4.326 4.231 4.203 4.225 4.204 4.111 4.068 4.040 4.003 3.953	34.375 34.375 34.387 34.394 34.391 34.396 34.403 34.405 34.409	27.254 27.261 27.268 27.275 27.283 27.290 27.299 27.308 27.313 27.321	30.938 30.992 31.045 31.097 31.151 31.206 31.261 31.316 31.367 31.423	27.248 27.255 27.261 27.269 27.276 27.284 27.292 27.301 27.306 27.314	89.0 88.2 87.7 87.1 86.5 85.7 84.9 84.1 83.7	13.448 13.537 13.625 13.712 13.799 13.885 13.970 14.138 14.222	0000000000	1480.7 1480.5 1480.5 1480.8 1480.9 1480.7 1480.7 1480.7 1480.8 1480.7	6643.7 6777.3 6911.7 7047.0 7183.2 7320.2 7458.1 7596.8 7736.3 7876.6	7.8 12.2 10.7 8.1 6.0 9.5 13.9 6.3 11.9
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	3.980 3.968 3.953 3.937 3.909 3.872 3.859 3.835 3.801 3.770	3.913 3.900 3.884 3.868 3.839 3.802 3.788 3.763 3.728 3.728	34.414 34.425 34.424 34.429 34.429 34.436 34.438 34.443 34.443	27.329 27.331 27.336 27.342 27.348 27.358 27.361 27.367 27.374 27.380	31.477 31.525 31.576 31.628 31.680 31.736 31.785 31.838 31.892 31.944	27.322 27.324 27.330 27.335 27.341 27.351 27.354 27.360 27.367 27.373	82.1 82.0 81.6 81.1 80.5 79.7 79.4 78.9 78.2 77.7	14.304 14.386 14.468 14.549 14.630 14.710 14.790 14.869 14.948 15.026	.00.00	1480.7 1480.8 1480.9 1481.0 1481.1 1481.1 1481.2 1481.3 1481.3	8017.7 8159.7 8302.4 8446.0 8590.3 8735.5 8881.4 9028.1 9175.6 9323.8	3.7 3.1 2.8 6.6 16.6 5.8 13.1 11.6

Station 10	07	Latitude	32 28.	50'N	Longitu	de 127°	08.79'W	07	May 1991	GMT 18	:50	Bottom	4480 m
Pres. db	Depth	Temp.	Pot.T.	Sal	Sigma-0 kg/m ³	Sigma-z	Sigma-t	Delta 10 ⁸ m ³ /kg	Dyn.Ht	LTR	sv - / -	m ³ /s ²	N ²
1000.0 1020.0 1040.0	m 992.2 1011.9 1031.7	3.736 3.683 3.651	°C 3.662 3.608 3.575	0/00 34.453 34.462 34.466	27.386 27.398 27.405	kg/m ³ 31.996 32.100 32.200	kg/m ³ 27.378 27.390 27.397	77.2 76.1 75.5	15.103 15.256 15.408	0/0 .0 .0	m/s 1481.4 1481.5 1481.7	9472.8 9773.0 10076.3	3.7 2.8 2.6
1060.0 1080.0 1100.0 1120.0 1140.0	1051.5 1071.3 1091.0 1110.8 1130.6	3.599 3.565 3.522 3.490 3.461	3.522 3.486 3.442 3.409 3.378	34.474 34.484 34.489 34.493 34.499	27.416 27.427 27.436 27.442 27.449	32.304 32.407 32.507 32.605 32.705	27.409 27.420 27.428 27.434 27.441	74.5 73.5 72.8 72.3 71.7	15.558 15.706 15.852 15.998 16.142	.0	1481.8 1482.0 1482.2 1482.4 1482.6	10382.5 10691.6 11003.6 11318.4 11636.0	2.0 5.5 3.2 4.7 3.2
1160.0 1180.0	1150.3 1170.1	3.420 3.380	3.336 3.294	34.503 34.506	27.457 27.463	32.805 32.903	27.449 27.455	71.0 70.5	16.284 16.426	.0	1482.8 1482.9	11956.5 12279.7	7.3
1200.0 1220.0 1240.0 1260.0 1280.0 1300.0 1320.0 1340.0	1189.9 1209.6 1229.4 1249.1 1268.9 1288.6 1308.4 1328.1 1347.9	3.333 3.278 3.246 3.208 3.178 3.152 3.115 3.084 3.050	3.247 3.191 3.157 3.118 3.086 3.059 3.020 2.988 2.954	34.511 34.515 34.517 34.521 34.526 34.526 34.527 34.532 34.535	27.472 27.480 27.485 27.492 27.497 27.501 27.506 27.512 27.518	33.005 33.105 33.202 33.301 33.399 33.494 33.591 33.689 33.787	27.464 27.472 27.477 27.483 27.489 27.493 27.497 27.503 27.509	69.7 68.9 68.5 67.5 67.1 66.2 65.7	16.566 16.704 16.842 16.978 17.113 17.248 17.382 17.515 17.647	000000000	1483.1 1483.2 1483.4 1483.5 1483.7 1484.0 1484.4 1484.4	12605.7 12934.4 13265.8 13599.9 13936.6 14275.9 14617.9 14962.5 15309.6	6.5 4.1 3.5 3.3 2.7 2.4
1380.0 1400.0 1420.0 1440.0 1460.0 1500.0 1520.0 1540.0 1560.0 1580.0	1367.6 1387.4 1407.1 1426.8 1446.6 1466.3 1486.0 1505.8 1525.5 1545.2	3.016 2.983 2.942 2.917 2.877 2.853 2.833 2.811 2.784 2.759	2.917 2.883 2.841 2.815 2.774 2.774 2.727 2.704 2.676 2.649 2.623	34.539 34.541 34.545 34.550 34.553 34.557 34.557 34.5562 34.566	27.525 27.529 27.536 27.539 27.551 27.551 27.554 27.558 27.563 27.567 27.573	33.886 33.982 34.082 34.176 34.276 34.366 34.562 34.658 34.852	27.516 27.520 27.527 27.530 27.537 27.542 27.545 27.548 27.553 27.557 27.563	65.1 64.7 64.0 63.8 63.1 62.5 62.2 61.8 61.4	17.778 17.908 18.037 18.165 18.291 18.543 18.667 18.791 18.914 19.037	000000000000000000000000000000000000000	1484.7 1484.9 1485.1 1485.3 1485.5 1486.0 1486.2 1486.4 1486.7	15659.3 16011.6 16366.4 16723.6 17083.4 17445.6 17810.2 18177.3 18546.8 18918.7	5.1 3.3 1.3 8.0 6.9 -1.3 3.4 4.6 3.1 4.3
1600.0 1620.0 1640.0 1660.0 1680.0 1700.0 1720.0 1740.0 1760.0	1584.7 1604.4 1624.1 1643.8 1663.6 1683.3 1703.0 1722.7 1742.4 1762.1	2.691 2.653 2.630 2.589 2.550 2.511 2.474 2.447 2.447 2.376	2.578 2.539 2.515 2.473 2.433 2.392 2.354 2.326 2.289 2.252	34.568 34.570 34.573 34.575 34.577 34.577 34.582 34.584 34.589 34.592	27.578 27.583 27.587 27.592 27.598 27.603 27.608 27.612 27.619 27.625	34.949 35.046 35.142 35.239 35.337 35.434 35.531 35.628 35.726 35.824	27.568 27.573 27.577 27.582 27.588 27.593 27.597 27.602 27.609 27.614	60.4 59.9 59.6 59.0 58.5 58.0 57.5 56.4 55.8	19.158 19.278 19.278 19.398 19.517 19.634 19.751 19.866 19.980 20.094 20.206	00000000000	1487.0 1487.4 1487.6 1487.8 1487.9 1488.1 1488.3 1488.5 1488.7	19669.7 20048.7 20430.0 20813.6 21199.6 21587.8 21978.2 22370.9 22765.8 23162.8	2.3 -2.7 4.4 7.9 1.5 5.3 3.2 1.5
1800.0 1820.0 1840.0 1860.0 1880.0 1900.0 1920.0 1940.0 1960.0	1781.8 1801.5 1821.2 1840.9 1860.6 1880.3 1900.0 1919.7 1939.3 1959.0	2.361 2.334 2.306 2.279 2.255 2.231 2.217 2.194 2.175 2.159	2.236 2.208 2.179 2.150 2.125 2.099 2.083 2.060 2.039 2.022	34.596 34.598 34.601 34.604 34.604 34.607 34.608 34.611 34.612 34.615	27.629 27.633 27.638 27.642 27.645 27.649 27.651 27.656 27.658 27.661	35.920 36.015 36.111 36.207 36.301 36.397 36.490 36.586 36.679 36.773	27.619 27.623 27.627 27.631 27.638 27.640 27.645 27.647 27.650	55.4 55.0 54.6 54.2 53.9 53.4 53.4 52.8 52.5	20.317 20.427 20.537 20.646 20.754 20.861 20.969 21.075 21.181 21.286	0000000000	1489.0 1489.2 1489.4 1489.6 1489.9 1490.1 1490.6 1490.9 1491.1	23562.0 23963.4 24366.9 24772.5 25180.2 25590.0 26001.8 26415.7 26831.7 27249.7	2.7 1.2 3.6 2.1 2.5 2.2 4 1 2.2
2000.0 2050.0 2094.0	1978.7 2027.9 2071.2	2.137 2.090 2.061	1.998 1.947 1.915	34.617 34.620 34.623	27.665 27.671 27.676	36.868 37.102 37.306	27.654 27.660 27.665	52.1 51.6 51.2	21.391 21.650 21.875	.0 .0	1491.4 1492.0 1492.6	27669.8 28728.6 29670.7	5.2 .0

Station 1	.08	Latitude	32' 42.	03'N	Longit	ude 127°	01.93'W	07	May 1991	GMT 21	:41	Bottom	4380 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma -0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 70.0 80.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.883 15.491 15.342 14.749 14.7510 13.788 13.983 13.983 14.196 14.380	15.883 15.490 15.339 14.745 14.888 14.503 13.780 13.973 14.185 14.367	33.341 33.251 33.232 33.165 33.241 33.206 33.078 33.153 33.243 33.316	24.499 24.518 24.535 24.641 24.696 24.748 24.769 24.792 24.810	24.499 24.562 24.624 24.746 24.817 25.015 25.076 25.146 25.208	24.499 24.517 24.535 24.612 24.639 24.695 24.747 24.764 24.807	342.5 341.0 339.6 332.5 330.2 325.1 320.4 319.0 316.9 315.5	.000 .342 .683 1.018 1.349 1.677 2.000 2.320 2.638 2.954	0000000000	1508.1 1507.0 1506.6 1504.8 1504.4 1502.1 1503.0 1503.9 1504.8	.0 1.7 6.8 15.3 27.1 42.2 60.5 82.0 106.7 134.5	.0 -2.7 144.0 31.4 11.3 32.6 2.3 52.4 26.7
100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.2	14.444 14.575 14.139 12.677 11.767 10.753 10.221 9.546 9.329 9.286	14.429 14.559 14.122 12.660 11.749 10.735 10.203 9.528 9.309 9.266	33.347 33.439 33.416 33.304 33.293 33.237 33.332 33.319 33.431 33.521	24.821 24.864 24.938 25.147 25.311 25.450 25.616 25.718 25.841 25.918	25.263 25.350 25.469 25.726 25.937 26.125 26.337 26.487 26.655 26.777	24.818 24.861 24.935 25.143 25.308 25.447 25.613 25.715 25.838 25.915	314.8 310.9 304.1 284.2 268.6 255.3 239.6 229.9 218.4 211.3	3.269 3.582 3.889 4.185 4.461 4.723 4.971 5.206 5.430 5.646	000000000000000000000000000000000000000	1505.2 1505.9 1504.6 1499.8 1496.8 1493.3 1491.7 1489.3 1488.8 1488.9	165.5 199.6 236.8 277.0 320.0 365.7 414.0 464.6 517.5 572.5	30.0 62.5 168.7 251.3 94.2 190.4 186.8 178.1 39.3 112.5
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.6 278.6 288.5	9.308 9.170 9.103 8.943 8.846 8.698 8.543 8.427 8.291	9.286 9.147 9.080 8.919 8.821 8.672 8.516 8.399 8.262 8.150	33.645 33.762 33.832 33.894 33.927 33.962 33.989 34.003 34.026 34.033	26.012 26.126 26.191 26.265 26.307 26.357 26.402 26.431 26.470 26.493	26.916 27.076 27.187 27.306 27.393 27.490 27.580 27.656 27.741 27.809	26.008 26.122 26.188 26.262 26.303 26.353 26.353 26.427 26.466 26.488	202.6 191.9 185.9 179.0 175.3 170.6 166.5 163.8 160.3 158.2	5.853 6.049 6.238 6.421 6.597 6.770 6.938 7.103 7.265 7.424	0000000000	1489.4 1489.2 1489.2 1488.8 1488.6 1488.3 1487.6 1487.6 1487.3	629.7 688.9 749.9 812.8 877.5 943.9 1012.0 1081.8 1153.1 1226.1	111.4 68.9 83.2 69.5 30.8 25.5 42.8 11.1 13.1 7.6
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	8.142 8.058 7.925 7.765 7.586 7.452 7.289 7.203 7.026 6.966	8.111 8.027 7.893 7.733 7.552 7.418 7.254 7.168 6.990 6.929	34.050 34.059 34.062 34.062 34.070 34.073 34.080 34.079 34.084 34.086	26.511 26.531 26.553 26.577 26.609 26.630 26.659 26.670 26.699 26.709	27.873 27.939 28.007 28.077 28.156 28.224 28.299 28.357 28.432 28.488	26.507 26.527 26.548 26.572 26.604 26.625 26.654 26.666 26.694 26.704	156.6 154.9 152.9 150.7 147.7 145.8 143.1 142.1 139.5 138.6	7.582 7.738 7.892 8.044 8.193 8.340 8.484 8.627 8.768 8.907	0000000000	1487.1 1487.0 1486.6 1486.2 1485.6 1485.3 1484.8 1484.7 1484.1	1300.6 1376.7 1454.3 1533.4 1614.0 1696.1 1779.6 1864.5 1950.9 2038.6	17.2 28.9 39.2 16.3 17.1 18.0 21.2 25.9 8.6 8.0
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.6 417.6 427.5 437.4 447.4 457.3 467.2 477.1 487.0	6.881 6.766 6.713 6.599 6.491 6.461 6.234 6.150 6.196 6.132	6.844 6.728 6.674 6.560 6.452 6.420 6.194 6.109 6.154 6.089	34.094 34.106 34.107 34.114 34.124 34.108 34.117 34.140 34.148	26.727 26.745 26.758 26.774 26.795 26.807 26.823 26.841 26.854 26.868	28.552 28.618 28.677 28.739 28.806 28.864 28.929 28.993 29.050 29.111	26.722 26.740 26.753 26.769 26.802 26.818 26.836 26.848 26.863	137.0 135.3 134.1 132.7 130.8 129.8 128.1 126.5 125.5	9.045 9.181 9.316 9.449 9.581 9.711 9.841 9.968 10.094 10.219		1483.9 1483.6 1483.3 1483.0 1483.1 1482.3 1482.3 1482.5	2127.7 2218.1 2309.9 2403.0 2497.4 2593.1 2690.1 2788.4 2887.9 2988.6	12.6 5.9 6.8 21.7 23.1 10.6 27.8 15.5
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	496.9 506.9 516.8 526.7 536.6 546.5 556.4 576.3 586.2	6.053 5.951 5.893 5.786 5.583 5.589 5.447 5.336 5.288	6.009 5.907 5.848 5.741 5.614 5.537 5.462 5.399 5.288 5.239	34.147 34.148 34.150 34.162 34.167 34.167 34.177 34.177 34.180 34.183	26.878 26.892 26.900 26.923 26.939 26.952 26.967 26.976 26.992 27.000	29.167 29.228 29.282 29.352 29.415 29.475 29.537 29.592 29.710	26.872 26.886 26.894 26.917 26.933 26.946 26.962 26.970 26.986 26.994	123.3 122.1 121.3 119.2 117.7 116.5 115.0 114.2 112.8 112.0	10.342 10.465 10.587 10.707 10.825 10.943 11.058 11.173 11.287 11.399	.000000000	1482.3 1482.1 1482.0 1481.8 1481.4 1481.3 1481.1 1481.1 1480.8 1480.7	3090.6 3193.8 3298.2 3403.8 3510.5 3618.4 3727.5 3837.7 3949.0 4061.5	18.4 15.5 14.9 15.5 5.2 9.0 21.0 8.4 15.5
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.7 645.7 655.6 665.5 675.4 685.3	5.221 5.135 5.146 5.122 5.018 4.982 4.968 4.968 4.956 4.856	5.172 5.085 5.096 5.070 4.967 4.929 4.915 4.859 4.801 4.793	34.184 34.188 34.208 34.222 34.224 34.232 34.240 34.257 34.271 34.274	27.009 27.022 27.036 27.050 27.064 27.075 27.083 27.102 27.120 27.123	29.765 29.825 29.885 29.945 30.006 30.063 30.117 30.183 30.247 30.296	27.003 27.016 27.031 27.045 27.058 27.069 27.076 27.096 27.114 27.117	111.2 110.0 108.8 107.5 106.2 105.3 104.6 102.8 101.2 100.9	11.511 11.621 11.731 11.839 11.946 12.052 12.156 12.260 12.362 12.362	000000000	1480.6 1480.4 1480.7 1480.8 1480.5 1480.5 1480.6 1480.6 1480.6	4175.0 4289.7 4405.4 4522.2 4640.1 4759.0 4878.9 4999.9 5121.9 5244.9	9.5 4.0 25.1 9.5 8.1 8.4 9.2 19.5 8.9
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 734.6 764.5 774.4 784.3	4.810 4.785 4.726 4.637 4.637 4.589 4.531 4.516 4.487 4.483	4.754 4.729 4.669 4.620 4.580 4.530 4.472 4.457 4.426 4.422	34.284 34.291 34.300 34.304 34.317 34.319 34.327 34.338 34.347	27.135 27.144 27.158 27.167 27.176 27.186 27.194 27.203 27.215 27.222	30.354 30.409 30.469 30.525 30.580 30.638 30.692 30.747 30.805 30.858	27.129 27.138 27.151 27.160 27.169 27.180 27.188 27.196 27.208 27.215	99.8 99.1 97.8 97.0 96.2 95.2 94.5 93.8 92.7	12.564 12.663 12.761 12.859 12.956 13.051 13.146 13.240 13.333 13.426	0000000000	1480.7 1480.8 1480.7 1480.7 1480.7 1480.7 1480.6 1480.7 1480.8 1480.9	5368.8 5493.8 5619.7 5746.6 5874.4 6003.2 6132.9 6263.6 6395.2 6527.6	14.8 6.0 6.9 8.9 13.0 1.0 3.7 10.4 6.0
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 853.6 863.5 873.4 883.3	4.439 4.391 4.311 4.229 4.198 4.140 4.106 4.124 4.137 4.103	4.378 4.328 4.248 4.166 4.135 4.076 4.041 4.059 4.070 4.036	34.352 34.354 34.356 34.357 34.357 34.359 34.369 34.385 34.395	27.231 27.238 27.248 27.254 27.261 27.267 27.272 27.278 27.290 27.301	30.913 30.967 31.024 31.077 31.130 31.184 31.235 31.286 31.344 31.401	27.225 27.231 27.241 27.247 27.254 27.260 27.265 27.271 27.283 27.294	91.3 90.6 89.7 89.0 88.4 87.4 86.9 85.9	13.517 13.608 13.698 13.788 13.876 13.964 14.052 14.139 14.225 14.311	0000000000	1480.9 1480.9 1480.7 1480.5 1480.5 1480.5 1480.8 1481.0	6661.0 6795.3 6930.5 7066.5 7203.5 7341.2 7479.9 7619.4 7759.8 7901.0	2.8 8.7 3.7 11.6 3.4 3.1 13.9 5.1
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.087 4.047 4.051 4.032 4.004 3.976 3.952 3.919 3.888 3.852	4.019 3.978 3.982 3.962 3.933 3.905 3.881 3.846 3.814 3.779	34.400 34.411 34.413 34.418 34.419 34.425 34.429 34.434 34.437	27.307 27.316 27.320 27.323 27.330 27.334 27.341 27.348 27.355 27.361	31.453 31.508 31.558 31.660 31.710 31.764 31.817 31.870 31.922	27.300 27.309 27.313 27.316 27.323 27.326 27.334 27.341 27.347 27.353	84.4 83.6 83.3 83.0 82.5 82.2 81.5 80.9 80.3	14.395 14.480 14.563 14.646 14.729 14.811 14.893 14.974 15.055 15.135	0000000000	1481.2 1481.3 1481.4 1481.5 1481.5 1481.6 1481.6 1481.7 1481.7	8043.0 8185.9 8329.6 8474.1 8619.4 8765.5 8912.4 9060.2 9208.7 9358.0	.8 16.3 2.0 4.9 6.1 5.5 15.7 7.5 8.1

Station 1	.08	Latitude	32° 42.	03'N	Longitu	de 127°	01.93'W	07	May 1991	GMT 21	: 41	Bottom	4380 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn.Ht	LTR	sv	m3/s2	N ²
db	m	•c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg		0/0	m/s		10 ⁶ / s ²
1000.0 1020.0 1040.0 1060.0 1080.0 1100.0	992.1 1011.9 1031.7 1051.5 1071.3 1091.0	3.800 3.793 3.743 3.699 3.612 3.566	3.726 3.717 3.666 3.621 3.533 3.486	34.439 34.453 34.459 34.466 34.471 34.476	27.368 27.380 27.390 27.400 27.412 27.421	31.976 32.079 32.182 32.284 32.390 32.491	27.360 27.372 27.382 27.392 27.404 27.413	79.0 78.0 77.1 76.3 75.0 74.3	15.214 15.371 15.527 15.680 15.831 15.981	000000	1481.6 1482.0 1482.1 1482.2 1482.2 1482.4	9508.1 9810.6 10116.1 10424.7 10736.2 11050.7	6.4 6.1 10.2 3.2 3.5 4.7
1120.0 1140.0 1160.0 1180.0	1110.8 1130.6 1150.3 1170.1	3.549 3.511 3.443 3.382	3.467 3.428 3.359 3.296	34.485 34.487 34.491 34.493	27.430 27.436 27.446 27.453	32.592 32.690 32.793 32.893	27.422 27.428 27.438 27.445	73.6 73.1 72.1 71.4	16.129 16.275 16.420 16.564	.0	1482.6 1482.8 1482.8 1482.9	11368.1 11688.4 12011.5 12337.4	6.4 2.9 5.3 .9
1200.0 1220.0 1240.0 1260.0 1380.0 1320.0 1340.0 1360.0 1380.0	1189.8 1209.6 1229.4 1249.1 1268.9 1288.6 1308.4 1328.1 1347.9 1367.6	3.329 3.264 3.224 3.193 3.141 3.112 3.073 3.047 3.011 2.965	3.243 3.177 3.135 3.103 3.050 3.019 2.979 2.952 2.915 2.868	34.496 34.500 34.506 34.512 34.515 34.524 34.524 34.528 34.532	27.460 27.475 27.475 27.481 27.491 27.505 27.510 27.516 27.524	32.993 33.095 33.193 33.291 33.393 33.491 33.592 33.688 33.787 33.887	27.452 27.461 27.467 27.473 27.482 27.488 27.497 27.501 27.508 27.515	70.8 69.9 69.4 68.8 67.9 67.5 66.7 66.3 65.7	16.706 16.847 16.986 17.125 17.261 17.397 17.531 17.664 17.796 17.927	00000000000	1483.0 1483.1 1483.3 1483.5 1483.6 1484.0 1484.2 1484.4 1484.5	12666.2 12997.7 13331.9 13668.9 14008.5 14350.8 14695.7 15043.2 15393.3 15745.9	3.8 6.7 4.4 3.3 5.3 2.1 5.4
1400.0 1420.0 1440.0 1460.0 1500.0 1520.0 1540.0 1560.0 1580.0	1387.3 1407.1 1426.8 1446.6 1466.3 1486.0 1505.8 1525.5 1545.2 1564.9	2.916 2.882 2.857 2.820 2.780 2.748 2.721 2.657 2.657	2.817 2.782 2.756 2.718 2.676 2.643 2.614 2.568 2.548 2.510	34.536 34.540 34.546 34.551 34.557 34.559 34.563 34.564 34.568	27.531 27.538 27.544 27.550 27.556 27.563 27.568 27.568 27.575 27.577 27.583	33.987 34.085 34.184 34.281 34.380 34.479 34.575 34.575 34.769 34.867	27.523 27.529 27.535 27.541 27.547 27.554 27.558 27.565 27.568 27.574	64.3 63.7 63.1 62.6 62.0 61.4 61.0 60.3 60.1 59.5	18.056 18.184 18.311 18.437 18.561 18.685 18.807 18.928 19.049	0000000000	1484.8 1485.1 1485.2 1485.4 1485.8 1486.0 1486.2 1486.4	16101.1 16458.8 16818.9 17181.6 17546.6 17914.1 18283.9 18656.1 19030.7	1.9 3.6 2.8 2.8 3.7 1.6 3.4 1.7
1600.0 1620.0 1640.0 1660.0 1680.0 1700.0 1720.0 1740.0 1760.0	1584.7 1604.4 1624.1 1643.8 1663.5 1683.2 1702.9 1722.7 1742.4 1762.1	2.589 2.559 2.527 2.497 2.464 2.425 2.401 2.383 2.350 2.322	2.478 2.446 2.414 2.382 2.347 2.308 2.282 2.263 2.228 2.199	34.570 34.572 34.575 34.577 34.580 34.583 34.585 34.587 34.590 34.590	27.588 27.592 27.597 27.602 27.607 27.613 27.617 27.620 27.625 27.629	34.964 35.060 35.157 35.253 35.350 35.448 35.544 35.638 35.735 35.831	27.579 27.583 27.588 27.592 27.597 27.603 27.607 27.610 27.615 27.619	59.0 58.7 58.2 57.7 56.3 56.3 55.6 55.2	19.287 19.404 19.521 19.637 19.752 19.866 19.979 20.091 20.203 20.314	00000000000	1486.6 1486.8 1487.0 1487.2 1487.4 1487.8 1488.1 1488.3 1488.3	19786.8 20168.3 20552.1 20938.1 21326.4 21716.9 22109.5 22504.4 22901.4 23300.6	1.1 2.9 2.0 3.5 5.2 .0 2.9 1.2 2.1
1800.0 1820.0 1840.0 1860.0 1900.0 1920.0 1940.0 1960.0 1980.0	1781.8 1801.5 1821.2 1840.9 1860.6 1880.3 1899.9 1919.6 1939.3 1959.0	2.294 2.267 2.246 2.213 2.198 2.182 2.150 2.127 2.116 2.108	2.170 2.142 2.119 2.085 2.069 2.051 2.018 1.993 1.982 1.972	34.594 34.597 34.599 34.605 34.605 34.611 34.613 34.613 34.613	27.633 27.638 27.641 27.646 27.650 27.654 27.659 27.662 27.664 27.667	35.927 36.023 36.117 36.215 36.309 36.405 36.501 36.596 36.688 36.782	27.623 27.627 27.631 27.636 27.639 27.644 27.648 27.651 27.653 27.656	54.8 54.1 53.5 53.2 52.8 52.4 52.0 51.9	20.424 20.533 20.642 20.749 20.856 20.962 21.067 21.172 21.275 21.379	.00000000000000000000000000000000000000	1488.7 1488.9 1489.2 1489.4 1489.6 1489.9 1490.1 1490.3 1490.6 1490.9	23702.0 24105.4 24511.0 24918.6 25328.3 25740.1 26153.9 26569.7 26569.7 27407.4	3.0 3.3 2 3.9 2.1 2.7 3.1 4.3
2000.0 2050.0 2094.0	1978.7 2027.9 2071.2	2.091 2.044 2.007	1.953 1.902 1.863	34.618 34.623 34.625	27.670 27.677 27.682	36.875 37.111 37.316	27.659 27.666 27.671	51.5 50.7 50.3	21.482 21.738 21.960	.0	1491.2 1491.8 1492.4	27829.2 28892.5 29838.2	1.7 .5 .0

Station 1		Latitude	32° 33.	71'N	Longit	ude 126°	41.40'W	07	May 1991	GMT	:57	Bottom	
Pres.	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma -0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
20.0 20.0 30.0 40.0 50.0 60.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	16.131 15.639 14.918 14.996 14.698 14.298 14.179 14.421 14.477	16.131 15.638 14.915 14.992 14.692 14.291 14.271 14.411 14.466 14.901	33.375 33.358 33.209 33.261 33.257 33.213 33.226 33.313 33.354 33.518	24.469 24.567 24.611 24.634 24.746 24.781 24.798 24.818 24.852	24.469 24.611 24.699 24.766 24.768 25.047 25.108 25.172 25.249	24.469 24.566 24.610 24.633 24.694 24.745 24.780 24.796 24.816 24.849	345.3 336.3 332.5 330.5 325.0 320.4 317.3 316.0 314.4 311.6	.000 .342 .677 1.009 1.338 1.660 1.979 2.296 2.611 2.923	00000000000	1508.9 1507.6 1505.3 1505.7 1504.9 1503.8 1503.5 1504.6 1505.0	.0 1.7 6.8 15.2 26.9 41.8 59.9 81.2 105.7	.0 12.2 31.4 7.2 107.3 9.7 17.6 20.3 21.5 40.3
100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2	14.821 14.258 12.742 11.788 11.302 10.471 9.865 9.536 9.353 9.171	14.806 14.242 12.726 11.771 11.285 10.454 9.847 9.517 9.333 9.150	33.540 33.472 33.317 33.326 33.390 33.348 33.335 33.375 33.444 33.553	24.890 24.956 25.143 25.332 25.471 25.585 25.678 25.763 25.847 25.961	25.331 25.443 25.678 25.914 26.099 26.260 26.400 26.532 26.661 26.821	24.886 24.953 25.140 25.329 25.468 25.582 25.760 25.844 25.958	308.3 302.1 284.3 266.3 253.3 242.4 233.6 225.6 217.8 207.1	3.233 3.538 3.830 4.104 4.362 4.608 4.846 5.076 5.298 5.510	00000000000	1506.7 1504.9 1499.8 1496.7 1495.3 1492.4 1490.4 1489.4 1488.9 1488.6	163.9 197.6 234.3 273.8 315.9 360.5 407.5 456.9 508.5 562.2	43.8 198.0 107.9 113.2 22.1 52.7 59.9 98.8 27.0 110.4
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.8 248.8 258.7 268.6 278.6 288.5	9.078 8.981 8.906 8.852 8.740 8.682 8.574 8.413 8.290 8.149	9.056 8.959 8.883 8.828 8.715 8.656 8.547 8.385 8.262 8.119	33.615 33.729 33.813 33.884 33.943 33.961 33.999 34.015 34.021 34.038	26.025 26.130 26.207 26.272 26.335 26.405 26.405 26.466 26.501	26.931 27.081 27.203 27.313 27.423 27.492 27.583 27.667 27.737 27.817	26.022 26.126 26.204 26.268 26.331 26.355 26.401 26.438 26.462 26.497	201.2 191.5 184.3 178.4 172.5 170.4 166.2 162.8 160.6 157.4	5.714 5.910 6.098 6.279 6.455 6.626 6.794 6.959 7.120 7.280	0000000000	1488.5 1488.4 1488.4 1488.3 1488.2 1488.0 1487.6 1487.3 1487.0	618.0 675.8 735.5 797.0 860.2 925.2 991.9 1060.2 1130.1 1201.6	120.1 142.6 18.8 79.4 24.9 49.5 6.7 45.4 23.1 24.8
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.4 308.4 318.3 328.2 338.2 348.1 358.0 367.9 377.9 387.8	8.032 7.847 7.790 7.498 7.339 7.170 7.139 6.975 6.852 6.766	8.002 7.816 7.759 7.466 7.307 7.137 7.105 6.941 6.817 6.730	34.039 34.037 34.045 34.034 34.021 34.016 34.027 34.022 34.038 34.046	26.519 26.545 26.560 26.593 26.605 26.638 26.657 26.686 26.704	27.882 27.954 28.015 28.096 28.154 28.279 28.346 28.421 28.486	26.515 26.541 26.555 26.588 26.600 26.620 26.633 26.652 26.682 26.700	155.8 153.4 152.2 149.0 147.9 146.0 145.0 143.2 140.5 138.8	7.436 7.591 7.744 7.894 8.043 8.190 8.335 8.480 8.622 8.762		1486.7 1486.1 1486.1 1485.1 1484.6 1484.1 1484.2 1483.7 1483.4 1483.2	1274.7 1349.3 1425.5 1503.1 1662.8 1744.9 1828.3 1913.2 1999.5	20.1 17.8 21.9 25.6 13.0 11.2 6.2 18.2 41.9
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1 487.0	6.648 6.586 6.272 6.148 6.076 6.058 5.798 5.776	6.611 6.549 6.353 6.234 6.109 6.036 6.018 5.758 5.735 5.890	34.053 34.061 34.060 34.058 34.074 34.090 34.099 34.095 34.137	26.725 26.740 26.765 26.781 26.795 26.817 26.831 26.855 26.870 26.885	28.553 28.614 28.687 28.810 28.878 28.938 29.011 29.072 29.130	26.721 26.735 26.760 26.776 26.790 26.812 26.826 26.851 26.865 26.879	136.9 135.6 133.2 131.7 130.4 128.4 127.2 124.7 123.5 122.4	8.899 9.035 9.170 9.302 9.433 9.563 9.691 9.816 9.941 10.064	00000000000	1482.9 1482.9 1482.2 1481.6 1481.5 1481.6 1480.7 1480.8 1481.7	2087.1 2176.1 2266.4 2358.1 2451.0 2545.3 2640.8 2737.6 2835.5 2934.8	18.7 14.9 27.5 16.6 12.2 18.1 26.3 18.9 23.1
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	496.9 506.9 516.8 526.7 536.6 546.5 556.4 566.3 576.3	5.679 5.685 5.685 5.635 5.452 5.471 5.471 5.361 5.328	5.637 5.574 5.641 5.590 5.407 5.386 5.424 5.374 5.313 5.279	34.122 34.133 34.162 34.179 34.168 34.180 34.203 34.214 34.214 34.228	26.904 26.920 26.935 26.955 26.980 26.980 27.009 27.016 27.031	29.198 29.261 29.321 29.386 29.448 29.505 29.564 29.625 29.625 29.740	26.899 26.915 26.930 26.950 26.963 26.963 27.003 27.010 27.025	120.4 119.0 117.7 116.0 114.6 113.6 112.5 111.1 110.5	10.185 10.304 10.423 10.540 10.655 10.769 10.882 10.994 11.105 11.215	00000000000	1480.8 1480.7 1481.2 1481.2 1480.6 1480.7 1481.0 1481.0 1481.0	3035.2 3136.8 3239.6 3343.5 3448.6 3554.8 3662.1 3770.6 3880.1 3990.8	21.8 6.0 16.3 14.8 9.8 15.7 11.0 6.9 9.3 20.7
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.7 645.5 665.5 675.4 685.3	5.294 5.245 5.203 5.170 5.073 5.005 4.966 4.882 4.870	5.245 5.195 5.153 5.119 5.021 4.953 4.952 4.912 4.828 4.815	34.241 34.250 34.257 34.265 34.265 34.273 34.279 34.287 34.290 34.304	27.045 27.058 27.068 27.079 27.090 27.105 27.110 27.120 27.132 27.144	29.800 29.859 29.916 29.973 30.031 30.092 30.143 30.200 30.259 30.316	27.040 27.052 27.062 27.073 27.084 27.099 27.104 27.114 27.126 27.138	107.9 106.8 105.9 104.9 103.8 102.5 102.1 101.2 100.0 99.0	11.323 11.431 11.537 11.642 11.747 11.850 11.952 12.054 12.154 12.254	0000000000	1481.0 1481.0 1481.0 1481.0 1480.8 1480.7 1480.9 1480.9 1480.8	4102.5 4215.2 4329.0 4443.9 4559.8 4676.7 4794.6 4913.6 5033.5 5154.4	11.0 14.8 13.4 14.8 2.5 5.4 9.5 17.7 4.0 11.9
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0	695.2 705.1 715.0 724.9 734.8 734.7 754.6 764.5 774.4 784.3	4.854 4.793 4.753 4.759 4.646 4.621 4.553 4.553 4.536 4.499	4.798 4.736 4.696 4.672 4.588 4.563 4.513 4.493 4.475 4.437	34.310 34.321 34.331 34.337 34.347 34.351 34.361 34.370 34.378	27.151 27.160 27.171 27.182 27.196 27.207 27.215 27.226 27.234 27.245	30.369 30.425 30.482 30.539 30.6657 30.712 30.769 30.823 30.881	27.145 27.154 27.165 27.176 27.190 27.201 27.209 27.219 27.228 27.239	98.4 97.6 96.6 95.7 94.3 92.6 91.7 90.9 89.9	12.352 12.450 12.547 12.644 12.738 12.832 12.925 13.017 13.109 13.199	.0	1480.9 1480.8 1480.9 1480.9 1480.8 1480.8 1480.8 1480.9 1481.0	5276.3 5399.1 5523.0 5647.7 5773.4 5900.0 6027.6 6156.0 6285.4 6415.6	4.6 10.4 5.7 18.3 9.5 13.3 9.0 9.5 11.9
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.454 4.422 4.356 4.292 4.180 4.132 4.074 4.065 4.030 3.997	4.392 4.359 4.293 4.228 4.116 4.068 4.009 4.000 3.964 3.930	34.389 34.390 34.391 34.389 34.394 34.397 34.402 34.404 34.405	27.255 27.262 27.270 27.278 27.288 27.297 27.306 27.310 27.316 27.320	30.937 30.990 31.045 31.100 31.158 31.213 31.269 31.320 31.372 31.422	27.248 27.256 27.264 27.271 27.281 27.290 27.299 27.304 27.309 27.313	89.1 88.4 87.6 86.9 85.8 85.0 84.2 83.8 83.2	13.288 13.377 13.465 13.552 13.639 13.724 13.809 13.893 13.976 14.059	.0	1481.0 1481.1 1480.9 1480.8 1480.5 1480.5 1480.6 1480.6 1480.6	6546.8 6678.8 6811.6 6945.4 7351.4 7351.4 7488.7 7626.6 7765.4	11.6 12.5 11.9 7.5 6.9 8.3 6.3 9.5 3.7 2.2
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.3 982.2	3.983 3.986 3.978 3.959 3.940 3.930 3.916 3.897 3.862 3.857	3.916 3.918 3.909 3.890 3.870 3.859 3.845 3.825 3.789 3.783	34.411 34.427 34.427 34.430 34.437 34.440 34.445 34.445	27.326 27.331 27.337 27.342 27.346 27.353 27.357 27.363 27.368 27.374	31.475 31.524 31.576 31.627 31.677 31.730 31.780 31.832 31.883 31.935	27.319 27.324 27.330 27.335 27.339 27.346 27.350 27.356 27.360 27.367	82.4 82.1 81.6 81.2 80.8 80.3 79.9 79.4 79.0 78.5	14.142 14.224 14.306 14.387 14.469 14.529 14.629 14.709 14.788 14.867	.0	1480.7 1480.9 1481.1 1481.2 1481.4 1481.5 1481.6 1481.6	7904.9 8045.2 8186.4 8328.3 8471.1 8614.6 8758.9 8904.1 9049.9 9196.6	5.1 4.0 6.6 4.9 6.1 7.2 1.7

Station 1	.09	Latitude	32° 33.	71'N	Longitu	ide 126°	41.40'W	07	May 1991	GMT	:57	Bottom	4345 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t		Dyn.Ht	LTR	sv		N ²
db	m	·c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	$10^8 \text{m}^3/\text{kg}$		0/0	m/s	TF m ³ /s ²	$10^{6}/s^{2}$
1000.0 1020.0	992.1 1011.9	3.837	3.762	34.457	27.378	31.986	27.371	78.1	14.945	.0	1481.8	9344.0	2.9
1040.0	1031.7	3.783 3.692	3.707 3.615	34.463 34.463	27.389 27.398	32.089	27.381	77.2	15.101	.0	1481.9	9641.2	2.6
1060.0	1051.5	3.691	3.613	34.469	27.403	32.192 32.288	27.390 27.396	76.3 75.9	15.254 15.406	.0	1481.9	9941.4	7.3
1080.0	1071.2	3.605	3.526	34.473	27.415	32.393	27.407	74.8	15.557	.ö	1482.2 1482.2	10244.5 10550.7	2.6 11.1
1100.0 1120.0	1091.0 1110.8	3.586 3.540	3.506	34.486	27.427	32,497	27.420	73.7	15.705	.0	1482.5	10859.7	1.4
1140.0	1130.5	3.495	3.458 3.412	34.491 34.498	27.436 27.445	32.598	27.428	73.0	15.852	.0	1482.6	11171.7	3.2
1160.0	1150.3	3.457	3.373	34.502	27.452	32.700 32.799	27.437 27.444	72.2 71.5	15.998 16.141	.0	1482.7 1482.9	11486.5 11804.1	3.8 5.9
1180.0	1170.1	3.410	3.324	34.505	27.460	32.899	27.451	70.9	16.284	.ŏ	1483.1	12124.5	3.5
1200.0	1189.8	3.354	3.267	34.509	27.468	33.000	27.460	70.1	16.424	.0	1483.2	12447.7	2.6
1220.0 1240.0	1209.6 1229.3	3.312 3.269	3.224	34.512	27.475	33.099	27.467	69.5	16.564	.0	1483.3	12773.6	.0
1260.0	1249.1	3.217	3.180 3.126	34.516 34.522	27.482 27.492	33.199 33.301	27.474	68.8	16.702	.0	1483.5	13102.2	6.8
1280.0	1268.9	3.199	3.107	34.527	27.498	33.398	27.483 27.489	67.9 67.5	16.839 16.975	.0	1483.6 1483.8	13433.5 13767.5	4.1
1300.0	1288.6	3.139	3.046	34.530	27.506	33.499	27.497	66.7	17.109	.ŏ	1483.9	14104.1	2.4 3.0
1320.0 1340.0	1308.4	3.099	3.005	34.531	27.510	33.596	27.502	66.3	17.242	.0	1484.1	14443.3	
1360.0	1328.1 1347.8	3.064 3.015	2.968 2.918	34.534 34.537	27.516	33.693	27.507	65.8	17.374	.0	1484.3	14785.1	6.2
1380.0	1367.6	2.991	2.893	34.537	27.523 27.527	33.793 33.889	27.514 27.518	65.1 64.8	17.504	•0	1484.4	15129.5	2.1
1400.0	1387.3	2.966	2.867	34.541	27.530				17.635	.0	1484.6	15476.3	1.9
1420.0	1407.1	2.947	2.847	34.547	27.530	33.984 34.082	27.521 27.528	64.5 64.0	17.764 17.892	.0	1484.9	15825.8	1.0
1440.0	1426.8	2.906	2.804	34.548	27.542	34.179	27.532	63.6	18.020	.0	1485.1 1485.3	16177.7 16532.1	6.6 .7
1460.0 1480.0	1446.6	2.874	2.771	34.551	27.547	34.277	27.538	63.1	18.146	.ŏ	1485.5	16889.0	2.5
1500.0	1466.3 1486.0	2.839 2.812	2.734 2.706	34.554 34.557	27.553	34.375	27.544	62.5	18.272	.0	1485.7	17248.3	.7
1520.0	1505.8	2.777	2.670	34.560	27.558 27.563	34.471 34.569	27.548 27.554	62.1 61.6	18.397 18.520	٠,٥	1485.9	17610.1	4.3
1540.0	1525.5	2.737	2.629	34.563	27.570	34.667	27.560	61.0	18.643	.0	1486.1 1486.2	17974.3 18340.9	-3.9 4.0
1560.0	1545.2	2.693	2.583	34.568	27.577	34.767	27.567	60.3	18.764		1486.4	18709.8	2.0
1580.0	1564.9	2.656	2.545	34.570	27.582	34.864	27.573	59.8	18.884	.0	1486.6	19081.1	.8
1600.0 1620.0	1584.7 1604.4	2.629 2.597	2.517 2.484	34.573	27.587	34.961	27.577	59.3	19.003	.0	1486.8	19454.7	4.9
1640.0	1624.1	2.561	2.447	34.575 34.578	27.591 27.597	35.057 35.155	27.582 27.587	58.9	19.122	٠.	1487.0	19830.6	2.6
1660.0	1643.8	2.527	2.412	34.579	27.601	35.251	27.591	58.4 58.0	19.239 19.355	.0	1487.2 1487.3	20208.9 20589.3	4.1 1.4
1680.0	1663.5	2.512	2.395	34.584	27.606	35.347	27.596	57.6	19.471	.ŏ	1487.6	20972.0	2.0
1700.0 1720.0	1683.2 1702.9	2.483 2.458	2.364 2.338	34.586 34.590	27.610	35.443	27.600	57.2	19.585	-0	1487.8	21357.0	1.7
1740.0	1722.7	2.434	2.313	34.591	27.616 27.619	35.540 35.635	27.605 27.609	56.7 56.4	19.699	.o	1488.1	21744.2	.3
1760.0	1742.4	2.387	2.264	34.594	27.625	35.733	27.615	55.7	19.812 19.924	.0	1488.3 1488.4	22133.5 22525.1	3.5 2.1
	1762.1	2.357	2.234	34.596	27.629	35.830	27.619	55.3	20.035	.ŏ	1488.6	22918.8	2.7
	1781.8	2.325	2.200	34.598	27.633	35.926	27.623	54.9	20.145	.0	1488.8	23314.6	2.1
1820.0 1840.0	1801.5 1821.2	2.303 2.277	2.177 2.150	34.602 34.604	27.638 27.642	36.022	27.628	54.4	20.255	.0	1489.1	23712.6	1.8
	1840.9	2.244	2.115	34.606	27.647	36.117 36.214	27.632 27.637	54.1 53.6	20.363 20.471	٠,٥	1489.3	24112.6	4.2
	1860.6	2.223	2.093	34.608	27.650	36.309	27.640	53.3	20.578	.0	1489.5 1489.7	24514.8 24919.0	-1.1 1.6
	1880.3 1899.9	2.195	2.064	34.611	27.655	36.405	27.645	52.8	20.684	.0	1490.0	25325.3	3.3
	1919.6	2.170 2.152	2.037 2.018	34.614 34.615	27.660 27.662	36.501 36.594	27.649	52.4	20.789	.0	1490.2	25733.7	2.2
1960.0	1939.3	2.133	1.998	34.617	27.665	36.689	27.651 27.654	52.2 51.9	20.893 20.997	.0	1490.4 1490.7	26144.0	2.5
1980.0	1959.0	2.108	1.972	34.619	27.669	36.784	27.658	51.5	21.101	:0	1490.7	26556.4 26970.8	1.6 3.1
	1978.7	2.084	1.946	34.621	27.672	36.879	27.662	51.2	21.204	.0	1491.2	27387.1	3.4
	2027.9 2069.2	2.045	1.903	34.623	27.677	37.111	27.666	50.7	21.458	.0	1491.8	28436.6	.5
2092.0	4003.2	2.010	1.865	34.628	27.684	37.308	27.673	50.1	21.670	.0	1492.4	29327.7	.5

Station 1	110	Latitude	32. 19.	48'N	Longit	ude 126°	48.54'W	07	May 1991	GMT 3	:48	Bottom	4285 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma -0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.9 49.8 59.8 69.7 79.7	16.034 15.570 15.138 15.055 14.917 14.466 14.251 14.222 14.232 13.987	16.034 15.569 15.135 15.050 14.911 14.459 14.242 14.221 14.221	33.209 33.173 33.158 33.155 33.148 33.136 33.133 33.146 33.124	24.364 24.440 24.524 24.565 24.665 24.695 24.711 24.726 24.744	24.364 24.484 24.612 24.672 24.741 24.873 24.961 25.021 25.081 25.143	24.364 24.440 24.523 24.539 24.563 24.650 24.693 24.709 24.724 24.741	355.4 348.4 340.7 339.5 337.4 329.4 325.5 324.3 323.1 321.7	.000 .352 .697 1.037 1.376 1.709 2.037 2.362 2.685 3.008	00000000000	1508.4 1507.1 1505.8 1505.5 1504.2 1503.7 1503.7 1504.0 1503.3	.0 1.8 7.0 15.6 27.7 43.0 61.7 83.6 108.7	.0 39.7 35.0 12.4 89.7 57.7 36.9 23.8 17.0
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.2	13.835 13.474 12.368 11.373 11.031 10.388 9.810 9.613 9.442 9.242	13.821 13.459 12.352 11.357 11.015 10.370 9.792 9.594 9.423 9.221	33.141 33.140 33.095 33.088 33.089 33.154 33.234 33.274 33.355 33.490	24.788 24.861 25.043 25.223 25.285 25.449 25.608 25.671 25.763 25.901	25.232 25.350 25.579 25.806 25.914 26.124 26.330 26.440 26.576 26.761	24.785 24.858 25.040 25.220 25.282 25.446 25.605 25.760 25.898	317.7 311.0 293.7 276.6 270.8 255.3 240.3 234.4 225.8 212.8	3.327 3.642 3.944 4.228 4.502 4.762 5.010 5.478 5.695		1503.0 1501.9 1498.3 1495.0 1493.9 1491.9 1490.0 1489.5 1489.5	168.6 203.3 241.1 281.8 325.2 371.3 420.0 471.0 524.3 579.9	30.4 158.6 195.0 83.0 268.6 100.4 46.1 13.0 153.2 126.8
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.073 9.021 8.937 8.851 8.718 8.594 8.474 8.210 8.103 7.957	9.052 8.998 8.913 8.826 8.693 8.568 8.447 8.182 8.075 7.928	33.581 33.690 33.736 33.852 33.899 33.926 33.952 33.979 33.979	25.999 26.093 26.142 26.247 26.304 26.345 26.384 26.445 26.471 26.510	26.904 27.043 27.138 27.288 27.392 27.478 27.563 27.671 27.742 27.827	25.996 26.089 26.138 26.243 26.340 26.341 26.441 26.466 26.505	203.7 195.0 190.5 180.8 175.4 171.7 168.1 162.4 160.1 156.5	5.903 6.103 6.296 6.481 6.659 6.833 7.003 7.167 7.329 7.487	0000000000	1488.4 1488.5 1488.4 1488.4 1488.1 1487.9 1487.6 1486.8 1486.6 1486.2	637.5 697.2 758.8 822.3 887.6 954.7 1023.4 1093.8 1165.8 1239.4	26.4 99.0 82.0 43.4 6.7 30.2 53.9 4.3 25.1 33.0
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.826 7.718 7.640 7.420 7.379 7.252 7.032 6.927 6.716 6.564	7.796 7.688 7.609 7.388 7.346 7.218 6.999 6.882 6.681 6.529	34.020 34.027 34.033 34.046 34.062 34.063 34.066 34.066 34.061 34.057	26.535 26.556 26.572 26.613 26.632 26.650 26.667 26.722 26.740	27.899 27.966 28.028 28.116 28.246 28.310 28.386 28.386 28.386 28.523	26.530 26.551 26.567 26.609 26.627 26.646 26.663 26.718 26.735	154.2 152.3 150.9 147.0 145.4 143.7 142.1 139.3 137.0 135.3	7.642 7.795 7.947 8.095 8.241 8.386 8.529 8.669 8.807 8.944	00000000000	1485.9 1485.6 1485.5 1484.8 1484.8 1484.5 1483.8 1483.6 1482.9 1482.4	1314.5 1391.2 1469.3 1549.0 1630.1 1712.6 1796.6 1881.9 1968.7 2056.8	69.6 3.4 40.0 13.0 9.2 21.5 26.4 27.9 23.1 25.2
400.0 410.0 420.0 440.0 450.0 460.0 470.0 480.0 490.0	397.8 407.7 417.6 427.5 437.4 447.4 457.3 467.2 477.1 487.0	6.428 6.347 6.235 6.217 6.218 6.166 6.031 5.983 5.863	6.392 6.311 6.198 6.179 6.179 6.127 5.992 5.942 5.888	34.070 34.079 34.087 34.107 34.113 34.121 34.130 34.126 34.163	26.768 26.785 26.806 26.824 26.829 26.844 26.859 26.873 26.873 26.905	28.598 28.662 28.729 28.793 28.844 28.904 28.967 29.027 29.027 29.025 29.151	26.763 26.781 26.802 26.819 26.824 26.839 26.854 26.868 26.868	132.7 131.1 129.2 127.6 127.3 125.9 124.5 123.3 122.2 120.5	9.077 9.209 9.339 9.468 9.595 9.721 9.847 9.971 10.093 10.215	00000000000	1482.1 1481.9 1481.7 1481.8 1482.0 1481.9 1481.5 1481.5 1481.7	2146.2 2236.9 2329.0 2422.3 2516.8 2612.7 2709.7 2808.0 2907.6 3008.3	19.0 18.4 12.8 11.6 9.9 2.6 21.0 8.1 4.3 7.5
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.6 546.5 556.4 576.4 5786.2	5.844 5.818 5.777 5.767 5.730 5.847 5.800 5.618 5.295	5.801 5.774 5.732 5.722 5.684 5.800 5.752 5.569 5.300 5.246	34.179 34.188 34.198 34.205 34.216 34.250 34.265 34.256 34.227 34.240	26.929 26.939 26.952 26.959 26.973 26.986 27.003 27.018 27.028 27.045	29.221 29.277 29.336 29.388 29.448 29.505 29.569 29.669 29.690 29.754	26.924 26.934 26.947 26.954 26.967 26.980 26.997 27.012 27.022 27.039	118.3 117.4 116.3 115.8 114.6 113.6 112.0 110.5 109.4 107.9	10.334 10.452 10.569 10.685 10.800 10.914 11.027 11.139 11.248 11.357	0000000000	1481.5 1481.6 1481.7 1481.8 1482.4 1482.4 1482.9 1480.9	3110.2 3213.3 3317.5 3422.9 3529.4 3637.1 3745.9 3855.7 3966.7 4078.8	18.7 .5 14.0 20.1 9.9 2.3 22.5 35.1 22.4 4.6
600.0 610.0 620.0 630.0 640.0 650.0 660.0 680.0 690.0	596.1 606.0 615.9 625.8 635.8 645.7 655.5 675.4 685.3	5.199 5.153 5.221 5.068 5.018 4.982 4.898 4.831 4.803 4.719	5.150 5.103 5.170 5.017 4.966 4.930 4.846 4.778 4.749 4.665	34.249 34.251 34.280 34.276 34.275 34.278 34.281 34.293 34.295 34.301	27.062 27.070 27.085 27.099 27.104 27.111 27.123 27.140 27.145 27.159	29.819 29.873 29.932 29.994 30.046 30.099 30.158 30.222 30.273 30.334	27.056 27.064 27.079 27.093 27.098 27.105 27.117 27.134 27.139 27.153	106.2 105.5 104.3 102.9 102.4 101.8 100.7 99.1 98.7 97.4	11.464 11.570 11.675 11.778 11.881 11.983 12.084 12.184 12.283 12.381	0000000000	1480.6 1481.1 1480.6 1480.6 1480.6 1480.4 1480.4 1480.4 1480.2	4191.9 4306.0 4421.2 4537.4 4654.7 4772.9 4892.2 5012.4 5133.6 5255.8	7.8 .4 19.8 8.6 7.8 20.1 10.7 2.8 16.8
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.692 4.681 4.554 4.529 4.506 4.470 4.427 4.408 4.422 4.380	4.637 4.625 4.498 4.473 4.442 4.369 4.348 4.362 4.319	34.307 34.308 34.309 34.316 34.322 34.326 34.335 34.338 34.356 34.360	27.167 27.169 27.183 27.192 27.200 27.206 27.219 27.223 27.236 27.244	30.388 30.436 30.498 30.553 30.667 30.660 30.718 30.769 30.827 30.881	27.161 27.163 27.177 27.186 27.193 27.200 27.212 27.217 27.229 27.237	96.7 96.5 95.1 94.4 93.7 92.0 91.6 90.6 89.9	12.478 12.574 12.670 12.765 12.859 12.952 13.045 13.136 13.227 13.318	0000000000	1480.3 1480.4 1480.0 1480.1 1480.2 1480.2 1480.2 1480.3 1480.5	5378.9 5503.0 5628.0 5754.0 5880.9 6008.7 6137.5 6267.1 6397.6 6529.0	1.9 6.6 21.2 18.3 7.4 24.1 7.5 5.4 6.6
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.2 814.0 824.0 833.8 843.7 853.6 863.5 873.4 883.3	4.329 4.279 4.258 4.211 4.167 4.156 4.118 4.085 4.076	4.267 4.195 4.148 4.167 4.103 4.091 4.052 4.018 4.009	34.368 34.374 34.378 34.389 34.397 34.395 34.399 34.404 34.408 34.413	27.255 27.265 27.271 27.284 27.289 27.299 27.307 27.314 27.318	30.940 30.996 31.048 31.108 31.158 31.210 31.260 31.315 31.368 31.419	27.249 27.259 27.264 27.278 27.283 27.287 27.287 27.292 27.300 27.307 27.311	88.8 87.9 87.4 86.1 85.8 85.4 85.0 84.2 83.6	13.407 13.495 13.583 13.670 13.756 13.842 13.927 14.012 14.095 14.179	0000000000	1480.5 1480.4 1480.5 1480.5 1480.7 1480.8 1480.8 1480.8 1480.8	6661.4 6794.5 6928.6 7063.5 7199.2 7335.8 7473.2 7611.5 7750.6 7890.5	7.8 7.5 7.8 11.9 4.0 3.7 9.2 5.7 8.7 5.7
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.060 4.025 4.009 3.997 3.976 3.941 3.902 3.873 3.856 3.820	3.992 3.957 3.940 3.927 3.905 3.870 3.830 3.801 3.783 3.747	34.418 34.429 34.431 34.435 34.438 34.441 34.444 34.448 34.453	27.324 27.332 27.338 27.341 27.346 27.353 27.359 27.365 27.369 27.377	31.471 31.525 31.577 31.625 31.677 31.730 31.782 31.834 31.885 31.939	27.317 27.325 27.331 27.333 27.339 27.346 27.352 27.357 27.362 27.369	82.8 82.0 81.5 81.4 80.9 80.3 79.7 79.2 78.8 78.1	14.262 14.344 14.426 14.507 14.589 14.669 14.749 14.829 14.908 14.986	0000000000	1481.1 1481.2 1481.3 1481.4 1481.4 1481.4 1481.5 1481.6	8031.2 8172.8 8315.1 8458.2 8746.9 8892.4 9038.7 9185.8 9333.6	5.5 11.0 5.5 6.1 5.2 9.9 3.7 5.8 8.4 5.5

Station 1	L10	Latitude	32° 19.	48'N	Longitu	de 126°	48.54'W	07	May 1991	GMT	3:48	Bottom	4285 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t		Dyn.Ht	LTR		ŤF	N ²
db	m	•c	.c	0/00	kg/m ³	kg/m ³	kg/m ³	$10^8 \text{m}^3/\text{kg}$		0/0		m ³ /s ²	10 ⁶ /s ²
1000.0 1020.0	992.2	3.800	3.726	34.457	27.382	31.991	27.375	77.6	15.064	.0	1481.7	9482.2	6.7
1040.0	1011.9 1031.7	3.773 3.717	3.698 3.641	34.464 34.471	27.390 27.402	32.091	27.383	77.0	15.219	.0	1481.9	9781.7	5.8
1060.0	1051.5	3.647	3.569	34.472	27.402	32.195 32.295	27.394 27.402	76.0 75.3	15.372 15.522	.0		10084.3 10389.7	12.5
1080.0	1071.3	3.586	3.507	34.476	27.419	32.397	27.411	74.4	15.672	.0		10698.2	6.4 8.4
1100.0 1120.0	1091.0 1110.8	3.541 3.497	3.461 3.416	34.482	27.429	32.500	27.421	73.5	15.820	.0	1482.3	11009.5	2.6
1140.0	1130.6	3.467	3.384	34.488 34.493	27.437 27.444	32.600 32.700	27.429 27.436	72.8	15.966	.0	1482.4	11323.7	5.2
1160.0	1150.3	3.447	3.363	34.499	27.451	32.798	27.443	72.2 71.7	16.111 16.255	.0		11640.8 11960.6	2.6 3.8
1180.0	1170.1	3.412	3.326	34.502	27.458	32.897	27.449	71.1	16.398	.ŏ		12283.3	3.9
1200.0 1220.0	1189.9	3.369	3.283	34.508	27.466	32.997	27.458	70.4	16.540	.0	1483,2	12608.8	8.2
1240.0	1209.6 1229.4	3.316 3.289	3.228	34.513 34.515	27.475	33.099	27.467	69.5	16.679	.0	1483.3	12937.0	3.5
1260.0	1249.1	3.250	3.159	34.519	27.480 27.486	33.195 33.294	27.471 27.478	69.2 68.6	16.818 16.956	۰,		13267.9	2.7
1280.0	1268.9	3.227	3.135	34.522	27.491	33.391	27.483	68.2	17.093	.0		13601.5 13937.8	2.4 3.6
1300.0 1320.0	1288.7 1308.4	3.191	3.098	34.524	27.496	33.487	27.487	67.8	17.229	.ō		14276.8	3.6
1340.0	1328.2	3.167 3.109	3.073 3.013	34.529 34.531	27.502 27.510	33.586	27.493	67.3	17.364	.0	1484.4	14618.4	. 4
1360.0	1347.9	3.061	2.964	34.534	27.516	33.686 33.785	27.501 27.507	66.5 65.9	17.497 17.630	.0	1484.5 1484.6	14962.6 15309.4	1.8
1380.0	1367.6	3.041	2.943	34.539	27.523	33.883	27.514	65.4	17.761	.ŏ		15658.8	-1.1 .4
1400.0	1387.4	3.001	2.902	34.542	27.528	33.981	27.519	64.9	17.892	.0	1485.0	16010.7	
1420.0 1440.0	1407.1 1426.9	2.963 2.925	2.862	34.544	27.533	34.078	27.524	64.4	18,021	.0	1485.2	16365.2	2.5 5.1
1460.0	1446.6	2.890	2.823 2.786	34.547 34.549	27.539 27.545	34.176 34.273	27.530 27.535	63.8	18.149	٠,٥	1485.3	16722.2	3.4
1480.0	1466.3	2.861	2.757	34.552	27.550	34.370	27.535	63.4 62.9	18.276 18.403	.0	1485.5 1485.7	17081.6 17443.6	2.2 1.9
1500.0	1486.1	2.819	2.713	34.554	27.555	34.468	27.545	62.4	18.528	.ŏ	1485.9	17807.9	4.3
1520.0 1540.0	1505.8 1525.5	2.789 2.759	2.682 2.651	34.556 34.560	27.559	34.564	27.550	62.0	18.652	.0	1486.1	18174.7	2.8
1560.0	1545.3	2.730	2.620	34.562	27.565 27.569	34.662 34.758	27.555 27.559	61.5 61.1	18.776 18.899	.0	1486.3	18543.9	4.6
1580.0	1565.0	2.701	2.590	34.566	27.575	34.856	27.566	60.5	19.020	.0	1486.5 1486.7	18915.5 19289.5	4.6 3.2
1600.0	1584.7	2.684	2.572	34.568	27,578	34.950	27.568	60.4	19.141	.0	1487.0	19665.8	2.0
1620.0 1640.0	1604.4 1624.1	2.655	2.542 2.505	34.570	27.582	35.046	27.572	60.0	19.261	.ŏ	1487.2	20044.5	2.3
1660.0	1643.8	2.620 2.594	2.505	34.574 34.575	27.589 27.592	35.144 35.239	27.579	59.4	19.381	.0	1487.4	20425.5	4.7
1680.0	1663.6	2.555	2.437	34.579	27.599	35.338	27.582 27.589	59.1 58.4	19.499 19.617	.0	1487.6 1487.8	20808.8	5.3
1700.0	1683.3	2.528	2.409	34.581	27.602	35.433	27.592	58.1	19.733	.0	1488.0	21194.4 21582.2	.6 6.4
1720.0 1740.0	1703.0 1722.7	2.497 2.464	2.377	34.583	27.607	35.530	27.597	57.6	19.849	.0	1488.2	21972.4	5.0
1760.0	1742.4	2.427	2.342 2.304	34.586 34.589	27.612 27.618	35.627 35.724	27.602 27.608	57.1	19.964	.0	1488.4	22364.7	5.9
1780.0	1762.1	2.403	2.279	34.591	27.622	35.820	27.611	56.6 56.2	20.078 20.191	.0	1488.6 1488.8	22759.3 23156.0	2.1 .9
1800.0	1781.8	2.377	2.251	34.594	27,626	35.916	27.615	55.8	20.302	.0	1489.0	23554.9	
1820.0	1801.5	2.361	2.234 2.216	34.596	27,629	36.010	27.618	55.6	20.414	.ŏ	1489.3	23956.0	2.4 2
1840.0 1860.0	1821.2 1840.9	2.344 2.318	2.216 2.188	34.597	27.632	36.103	27.621	55.4	20.525	.0	1489.6	24359.3	3.3
1880.0	1860.6	2.277	2.147	34.598 34.602	27.635 27.641	36.198 36.297	27.624 27.631	55.0 54.4	20.635 20.745	٠,٥	1489.8	24764.7	6.6
1900.0	1880.3	2.263	2.131	34,603	27.643	36.390	27.633	54.2	20.745	.0	1490.0 1490.2	25172.2 25581.8	1.3 2.2
1920.0 1940.0	1900.0 1919.7	2.237	2.104	34.606	27.647	36.485	27.637	53.8	20.962	٠.	1490.5	25993.5	4.2
1960.0	1939.4	2.210 2.186	2.075 2.050	34.608 34.611	27.651 27.656	36.581 36.676	27.640 27.645	53.4	21.069	.0	1490.7	26407.3	4.3
1980.0	1959.1	2.168	2.030	34.612	27.658	36.770	27.647	53.0 52.8	21.175 21.281	.0	1490.9 1491.2	26823.2 27241.1	1.1
2000.0	1978.8	2.139	2.000	34.615	27.663	36.867	27.652	52.3	21.386	.0			
2050.0	2027.9	2.086	1.944	34.620	27.671	37.103	27.660	51.5	21.646	.0	1491.4 1492.0	27661.0 28719.7	4.0
2094.0	2071.2	2.048	1.902	34.624	27.678	37.309	27.667	50.9	21.871	.ŏ	1492.6	29661.6	.6

Station 1	11	Latitude	32. 11.	98'N	Longit	ide 126°	52.48'W	07	May 1991	GMT 5	5:53	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
10.0 20.0 30.0 40.0 50.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 59.8 69.7 79.7 89.7	16.187 15.748 15.098 15.098 14.939 14.181 14.057 13.831 13.763 13.743	16.187 15.746 15.095 15.048 14.933 14.174 14.049 13.821 13.751 13.730	33.179 33.186 33.194 33.181 33.175 33.123 33.138 33.113 33.105 33.103	24.305 24.410 24.560 24.581 24.701 24.739 24.767 24.774 24.778	24.305 24.455 24.648 24.693 24.758 24.923 25.004 25.129 25.177	24.305 24.410 24.559 24.5580 24.700 24.737 24.765 24.772 24.775	360.9 351.2 337.3 337.5 335.9 324.7 321.4 318.9 318.4 318.4	.000 .357 .702 1.039 1.377 1.704 2.027 2.347 2.666 2.984	000000000000000000000000000000000000000	1508.9 1507.7 1505.8 1505.6 1503.3 1503.0 1502.4 1502.3 1502.4	.0 1.8 7.1 15.7 27.8 43.1 61.7 83.5 108.5 136.6	.0 41.8 24.7 3.1 201.6 38.1 15.8 17.2
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.2	13.704 13.098 12.198 11.302 10.480 10.075 9.873 9.639 9.527 9.223	13.690 13.083 12.182 11.286 10.464 10.058 9.855 9.620 9.507 9.203	33.113 33.126 33.082 33.105 33.105 33.155 33.222 33.368 33.438 33.491	24.794 24.926 25.066 25.249 25.395 25.502 25.588 25.741 25.814 25.904	25.237 25.415 25.602 25.832 26.025 26.179 26.310 26.509 26.508 26.764	24.791 24.923 25.063 25.247 25.392 25.500 25.585 25.738 25.738 25.901	317.2 304.8 291.5 274.1 260.3 250.1 242.2 227.8 221.0 212.5	3.302 3.615 3.913 4.195 4.464 4.720 4.965 5.201 5.423 5.640	.00000000000000000000000000000000000000	1502.5 1500.6 1497.7 1494.8 1492.0 1490.7 1490.2 1489.7 1489.6 1488.7	167.9 202.4 239.8 280.2 323.3 369.0 417.2 467.7 5575.6	32.5 199.3 277.0 83.8 238.6 149.2 105.5 222.9 15.9 76.2
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.142 9.060 9.073 8.957 8.808 8.591 8.467 8.398 8.264	9.120 9.038 9.049 8.933 8.783 8.565 8.440 8.370 8.236 8.145	33.607 33.785 33.837 33.883 33.916 33.956 33.978 34.006 34.020 34.031	26.008 26.161 26.200 26.255 26.304 26.369 26.405 26.438 26.4499 26.491	26.913 27.111 27.195 27.296 27.390 27.502 27.584 27.662 27.739 27.808	26.005 26.157 26.196 26.251 26.300 26.365 26.401 26.434 26.445 26.487	202.9 188.6 185.1 180.0 175.5 169.4 166.1 163.2 160.4 158.4	5.848 6.043 6.230 6.413 6.590 6.762 6.930 7.094 7.255 7.414		1488.7 1488.8 1489.1 1488.8 1488.5 1487.9 1487.6 1487.5 1487.2 1487.0	632.7 691.8 752.8 815.6 880.2 946.6 1014.6 1084.2 1155.5	103.4 107.8 39.0 47.8 79.7 26.3 38.9 49.2 9.3 14.9
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 367.9 387.8	7.981 7.796 7.626 7.479 7.340 7.240 7.066 6.926 6.729	7.951 7.765 7.595 7.447 7.308 7.207 7.032 6.892 6.894	34.037 34.031 34.034 34.042 34.048 34.057 34.053 34.055 34.058 34.064	26.525 26.547 26.574 26.602 26.626 26.647 26.668 26.689 26.702 26.723	27.888 27.957 28.031 28.104 28.175 28.243 28.310 28.378 28.378 28.505	26.521 26.570 26.577 26.622 26.643 26.664 26.684 26.698 26.718	155.2 153.2 150.7 148.2 145.9 144.0 142.0 140.1 138.9 137.0	7.571 7.725 7.877 8.026 8.173 8.318 8.461 8.602 8.742 8.880	0000000000	1486.5 1485.9 1485.4 1485.0 1484.7 1484.5 1483.9 1483.5 1483.1	1302.8 1378.7 1456.2 1535.1 1615.6 1697.4 1780.7 1865.4 1951.5 2039.0	29.5 28.6 37.0 24.4 18.0 22.3 44.9 11.7 17.6
400.0 410.0 420.0 430.0 440.0 450.0 460.0 480.0 490.0	397.7 407.7 417.6 427.5 437.4 447.4 457.3 467.2 477.1 487.0	6.667 6.534 6.513 6.394 6.246 6.199 6.126 6.085	6.631 6.497 6.475 6.356 6.207 6.204 6.159 6.084 6.043 5.993	34.075 34.076 34.097 34.105 34.117 34.122 34.126 34.124 34.141	26.740 26.758 26.778 26.800 26.822 26.829 26.839 26.851 26.853	28.568 28.633 28.698 28.767 28.836 28.889 28.945 29.003 29.001 29.119	26.736 26.754 26.773 26.795 26.817 26.824 26.834 26.848 26.858 26.858	135.5 133.8 132.1 130.0 128.0 127.4 126.6 125.5 124.5 123.5	9.016 9.151 9.284 9.415 9.544 9.672 9.799 9.925 10.050 10.174	0000000000	1483.0 1482.7 1482.8 1482.5 1482.1 1482.2 1482.2 1482.1 1482.1	2127.8 2217.9 2309.4 2402.2 2496.2 2591.6 2688.2 2786.0 2885.1 2985.4	26.4 2.9 24.6 19.0 11.4 24.3 4.3 7.9 23.7 12.2
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	497.0 506.9 516.8 526.7 536.6 546.5 556.4 576.3 586.2	5.983 5.897 5.823 5.752 5.622 5.555 5.496 5.390	5.940 5.853 5.778 5.707 5.658 5.576 5.508 5.449 5.449 5.341	34.148 34.161 34.171 34.175 34.187 34.204 34.215 34.231 34.238 34.240	26.888 26.908 26.925 26.937 26.953 26.976 26.994 27.013 27.023 27.033	29.178 29.245 29.308 29.367 29.429 29.563 29.628 29.628 29.685 29.741	26.882 26.903 26.920 26.932 26.947 26.971 26.988 27.007 27.0018 27.028	122.4 120.5 118.9 117.8 116.4 114.2 112.6 110.8 109.9 109.0	10.297 10.418 10.538 10.657 10.774 10.889 11.003 11.115 11.225 11.334	00000000000	1482.0 1481.9 1481.7 1481.6 1481.6 1481.5 1481.3 1481.3	3086.9 3189.7 3293.6 3398.7 3504.9 3612.3 3720.9 3830.5 3941.3 4053.1	20.2 11.6 16.0 21.3 10.2 19.2 19.2 15.7 4.9 7.2
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0	596.1 606.0 615.9 625.8 635.8 645.6 655.6 675.4 685.3	5.332 5.318 5.299 5.208 5.161 5.148 5.097 5.012 5.003	5.283 5.268 5.248 5.156 5.109 5.095 5.043 4.948 4.948	34.251 34.254 34.269 34.273 34.285 34.285 34.295 34.298 34.303 34.317	27.049 27.053 27.067 27.081 27.092 27.097 27.112 27.124 27.129 27.139	29.803 29.853 29.913 29.974 30.031 30.083 30.143 30.202 30.253 30.308	27.043 27.047 27.061 27.075 27.086 27.091 27.105 27.117 27.122 27.132	107.6 107.4 106.1 104.8 103.8 103.4 102.1 101.0 100.6 99.8	11.443 11.550 11.657 11.762 11.867 11.970 12.073 12.174 12.275 12.375	.00000000000000000000000000000000000000	1481.2 1481.3 1481.4 1481.2 1481.2 1481.3 1481.3 1481.1 1481.2 1481.4	4166.0 4279.9 4394.9 4511.0 4622.4865.3 4985.4 5106.6 5228.7	17.8 11.3 12.8 7.2 2.5 11.9 13.1 -1.3 10.7 5.2
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.5 784.3	5.019 4.987 5.007 4.977 4.899 4.840 4.711 4.690 4.646 4.556	4.963 4.930 4.948 4.918 4.840 4.780 4.651 4.630 4.585 4.494	34.329 34.340 34.360 34.375 34.379 34.382 34.382 34.385 34.385	27.148 27.160 27.174 27.185 27.199 27.208 27.225 27.227 27.235 27.251	30.363 30.421 30.480 30.538 30.598 30.654 30.719 30.767 30.821 30.885	27.142 27.153 27.167 27.179 27.192 27.201 27.218 27.221 27.228 27.244	99.0 98.0 96.8 95.8 94.6 93.7 92.0 91.8 91.1 89.6	12.475 12.573 12.671 12.767 12.862 12.956 13.048 13.140 13.232 13.322	0000000000	1481.6 1481.7 1482.0 1482.0 1481.9 1481.8 1481.4 1481.5 1481.5 1481.3	5351.8 5475.9 5600.9 5726.9 5853.8 5981.7 6110.4 6240.1 6370.7 6502.1	5.8 7.5 9.3 14.3 7.0 17.8 5.2 27.4 17.2
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.3 804.2 814.0 824.0 833.8 843.8 853.7 863.5 873.5 883.3	4.513 4.450 4.446 4.410 4.397 4.327 4.289 4.268 4.180 4.162	4.451 4.387 4.382 4.345 4.332 4.262 4.223 4.201 4.113 4.095	34.400 34.404 34.407 34.416 34.417 34.419 34.414 34.416	27.261 27.271 27.272 27.278 27.287 27.296 27.299 27.303 27.309 27.312	30.942 30.999 31.045 31.097 31.152 31.208 31.258 31.307 31.361 31.410	27.255 27.265 27.265 27.271 27.289 27.289 27.292 27.296 27.301 27.305	88.6 87.6 87.7 87.1 86.4 85.2 84.9 84.3 84.0	13.411 13.499 13.587 13.674 13.761 13.847 13.933 14.018 14.102 14.186		1481.3 1481.2 1481.3 1481.4 1481.5 1481.4 1481.4 1481.4 1481.2 1481.3	6634.5 6767.7 6901.8 7036.7 7172.5 7309.2 7446.7 7585.0 7724.1 7864.1	11.0 7 6.9 5.8 11.3 4 9.3 2.8 3.4 -2.1
900.0 910.0 920.0 930.0 940.0 950.0 970.0 980.0 990.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.135 4.084 4.086 4.056 4.008 4.015 4.033 4.002 3.955 3.937	4.066 4.015 4.010 3.986 3.937 3.944 3.961 3.929 3.882 3.863	34.419 34.420 34.421 34.423 34.429 34.436 34.446 34.444 34.451 34.452	27.317 27.323 27.324 27.329 27.338 27.338 27.350 27.352 27.362 27.364	31.461 31.515 31.561 31.668 31.770 31.818 31.875 31.924	27.310 27.316 27.317 27.322 27.331 27.336 27.342 27.344 27.354 27.357	83.6 83.0 83.0 82.6 81.7 81.4 80.9 80.7 79.8	14.270 14.354 14.436 14.519 14.601 14.683 14.764 14.845 14.925 15.005	0000000000	1481.4 1481.3 1481.5 1481.5 1481.5 1481.7 1482.0 1482.0 1482.0	8004.9 8146.6 8289.0 8432.3 8576.3 8721.2 8866.8 9013.3 9160.5 9308.6	11.0 2.2 1.4 8.1 14.3 2.9 1 5.2 6.7 7.3

Station	111	Latitude	32° 11.	98'N	Longitu	ide 126°	52.48'W	07	May 1991	GMT	5:53	Bottom	3395 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t		Dyn.Ht	LTR		TF	N ²
db	m	°c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	108m3/kg	J/kg	0/0		m ³ /s ²	10 ⁶ /s ²
1000.0	992.2	3.911	3.836	34.454	27.368	31.974	27.361	79.2	15.084	.0			
1020.0 1040.0	1012.0	3.874	3.797	34.462	27.379	32.076	27.371	78.3	15.241	.0	1482.3	9457.4 9757.3	7.9 9.0
1060.0	1031.7 1051.5	3.837 3.772	3.759 3.693	34.469	27.389	32.178	27.381	77.5	15.397	.ŏ	1482.5	10060.3	8.2
1080.0	1071.3	3.723	3.643	34.478 34.487	27.402 27.414	32.285	27.395	76.2	15.551	.0	1482.6	10366.3	8.8 3.5
1100.0	1091.1	3.667	3.586	34.490	27.423	32.389 32.490	27.406 27.415	75.2 74.4	15.702	.0	1482.7	10675.3	3.5
1120.0	1110.8	3.615	3.533	34.496	27.433	32.592	27.425	73.5	15.852 15.999	.0		10987.3 11302.1	7.6 7.0
1140.0 1160.0	1130.6 1150.4	3.534	3.450	34.496	27.440	32.694	27.432	72.8	16.145	.ŏ	1482.9	11619.9	2.3
1180.0	1170.1	3.476 3.445	3.392 3.359	34.500 34.505	27.449	32.795	27.441	71.9	16.290	.0	1483.0	11940.4	5.3 7.3
	-				27.456	32.894	27.448	71.3	16.434	.0	1483.2	12263.8	7.3
1200.0 1220.0	1189.9 1209.6	3.405 3.365	3.318 3.277	34.506	27.461	32.991	27.453	70.9	16.576	.0	1483.4	12590.0	-1.1
1240.0	1229.4	3.314	3.224	34.510 34.513	27.468 27.475	33.090	27.459	70.3	16.717	.0	1483.5	12918.9	2.4
1260.0	1249.2	3.289	3.197	34.515	27.480	33.190 33.286	27.467 27.471	69.6 69.3	16.857	٠.٥		13250.6	2.1
1280.0	1268.9	3.243	3.151	34.517	27.486	33.385	27.477	68.7	16.996 17.134	.0 .0	1483.9 1484.0	13585.0 13922.1	1.8 8.6
1300.0 1320.0	1288.7 1308.4	3.198	3.104	34.523	27.494	33.486	27.486	67.9	17.271	.ŏ	1484.2	14261.9	2.4
1340.0	1328.2	3.162 3.125	3.067 3.029	34.525 34.528	27.500 27.506	33.583	27.491	67.5	17.406	.0	1484.3	14604.3	5.î
1360.0	1347.9	3.094	2.997	34.532	27.506	33.681 33.779	27.497 27.503	67.0	17.540	.0	1484.5	14949.4	2.7
1380.0	1367.7	3.078	2.979	34.541	27.520	33.879	27.503	66.4 65.7	17.674 17.806	٠,	1484.7	15297.1	3.9
1400.0	1387.4	3.034	2.934	34.544						.0	1485.0	15647.4	2.8
1420.0	1407.1	2.991	2.890	34.548	27.528 27.534	33.979 34.078	27.518	65.0	17.937	.0	1485.1	16000.2	. 4
1440.0	1426.9	2,969	2.866	34.549	27.537	34.173	27.525 27.528	64.4 64.2	18.066 18.195	.0	1485.3	16355.5	6.6
1460.0	1446.6	2.925	2.821	34.553	27.544	34.272	27.535	63.5	18.323	.0	1485.5 1485.7	16713.4 17073.8	8.1 .5
1480.0 1500.0	1466.3 1486.1	2.888	2.783	34.556	27.550	34.370	27.541	63.0	18.449	.ŏ	1485.9	17436.6	4.9
1520.0	1505.8	2.837 2.807	2.731 2.700	34.559 34.561	27.557	34.470	27.548	62.3	18.574	.0	1486.0	17801.9	1.3
1540.0	1525.5	2.758	2.650	34.564	27.562 27.569	34.566 34.666	27.552 27.559	61.9	18.699	.0	1486.2	18169.6	4.6
1560.0	1545.3	2.729	2.619	34.568	27.574	34.763	27.564	61.1 60.7	18.822 18.943	.0	1486.3	18539.7	2.8
1580.0	1565.0	2.694	2.583	34.570	27.579	34.859	27.569	60.2	19.065	.0	1486.5 1486.7	18912.2 19287.1	2.8 4.0
1600.0	1584.7	2.666	2.553	34.572	27.583	34.956	27.574	59.8					
1620.0	1604.4	2.642	2.528	34.575	27.587	35.051	27.577	59.5	19.184 19.304	.0	1486.9 1487.2	19664.3	.2 9
1640.0 1660.0	1624.2	2.620	2.505	34.576	27.590	35.146	27.581	59.2	19.422	.ŏ	1487.4	20043.8 20425.6	4.4
1680.0	1643.9 1663.6	2.597 2.573	2.481 2.455	34.577	27.593	35.240	27.583	59.0	19.541	.0	1487.6	20809.7	2.6
1700.0	1683.3	2.545	2.426	34.580 34.582	27.598 27.602	35.337	27.588	58.5	19.658	.0	1487.9	21196.1	4.7
1720.0	1703.0	2.513	2.393	34.583	27.605	35.432 35.527	27.592 27.595	58.2 57.9	19.775 19.891	٠,٥	1488.1	21584.8	1.8
1740.0	1722.7	2.480	2.358	34.586	27.611	35.625	27.601	57.3	20.006	.0	1488.3 1488.5	21975.7 22368.9	6.2 2.7
1760.0 1780.0	1742.4	2.451	2.328	34.587	27.615	35.720	27.604	57.0	20.120	.0	1488.7	22764.3	.3
	1762.1	2.427	2.303	34.591	27.619	35.816	27.609	56.5	20.234	.0	1488.9	23161.9	1.2
1800.0	1781.8	2.412	2.286	34.592	27.622	35.910	27.611	56.4	20.347	.0	1489.2	23561.7	-2.0
1820.0 1840.0	1801.5 1821.2	2.379 2.353	2.253	34.595	27.626	36.006	27.616	55.9	20.459	.ŏ	1489.4	23963.7	-2.0
1860.0	1840.9	2.333	2.224	34.597 34.599	27.631 27.634	36.102 36.197	27.620	55.5	20.570	.0	1489.6	24367.8	3.0
1880.0	1860.6	2.300	2.169	34.602	27.639	36.294	27.624 27.629	55.1 54.7	20.681 20.791	٠,٥	1489.9	24774.1	4.8
1900.0	1880.3	2.276	2.144	34.603	27.642	36.388	27.631	54.4	20.791	.0	1490.1 1490.3	25182.5 25593.1	5.7
1920.0 1940.0	1900.0	2.255	2.122	34.605	27.645	36.482	27.634	54.1	21.008	:0	1490.5	26005.7	1.3 4.5
1960.0	1919.7 1939.4	2.230 2.205	2.095	34.608 34.610	27.650	36.578	27.639	53.7	21.116	.0	1490.8	26420.4	3.4
1980.0	1959.1	2.177	2.039	34.613	27.654 27.659	36.674 36.770	27.643 27.648	53.3	21.223	.0	1491.0	26837.2	4.3
2000.0	1978.8	2.156	2.017					52.8	21.329	.0	1491.2	27256.1	3.7
2050.0	2028.0	2.101	1.958	34.615 34.619	27.662 27.670	36.864 37.100	27.651	52.5	21.434	.0	1491.5	27677.0	2.0
2096.0	2073.2	2.066	1.920	34.623	27.676	37.315	27.658 27.664	51.7 51.2	21.694 21.931	٠.0	1492.1	28738.0	3.2
								31.2	*** 237	.0	1492.7	29725.2	.0

Station 1	12	Latitude	32° 08.	47'N	Longit	ide 126°	54.01'W	08	May 1991	GMT 7	:46	Bottom :	2385 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.9 49.8 59.8 69.7 79.7	16.155 15.822 15.132 15.050 14.4902 14.453 14.197 14.086 13.953 13.919	16.155 15.821 15.129 15.045 14.896 14.446 14.188 14.076 13.941 13.907	33.180 33.178 33.194 33.182 33.173 33.152 33.124 33.120 33.115 33.133	24.314 24.388 24.553 24.562 24.567 24.667 24.699 24.743 24.765	24.314 24.432 24.641 24.694 24.888 24.965 25.029 25.164	24.314 24.388 24.552 24.561 24.585 24.665 24.697 24.741 24.741	360.1 353.4 338.0 337.4 335.3 328.0 325.2 323.5 321.4 319.7	.000 .357 .704 1.042 1.378 1.710 2.037 2.361 2.683 3.004	00000000000	1508.8 1507.9 1505.9 1505.5 1504.2 1503.3 1503.0 1503.1	.0 1.8 7.1 15.8 27.8 43.2 61.9 83.8 108.9	-24.0 32.9 5.4 67.5 36.9 52.7 24.9 13.2 23.4
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.2	13.667 13.733 13.031 11.814 11.212 10.447 9.954 9.724 9.512 9.377	13.653 13.717 13.015 11.798 11.195 10.430 9.936 9.706 9.492 9.356	33.116 33.179 33.132 33.120 33.084 33.171 33.243 33.296 33.429 33.565	24.803 24.839 24.944 25.167 25.249 25.451 25.591 25.670 25.810 25.938	25.247 25.327 25.478 25.749 25.877 26.126 26.313 26.438 26.623 26.797	24.801 24.940 25.164 25.246 25.448 25.588 25.667 25.807 25.934	316.2 313.2 303.3 282.0 274.3 255.1 241.9 234.5 221.4 209.4	3.322 3.637 3.946 4.240 4.519 4.781 5.030 5.267 5.496 5.710	0000000000	1502.4 1502.8 1500.6 1496.6 1494.6 1492.1 1490.6 1489.5 1489.3	168.7 203.4 241.2 281.9 325.5 371.8 420.6 471.8 525.3 581.1	50.6 20.5 98.8 154.5 160.3 23.4 118.7 92.6 113.7 56.6
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.367 9.185 9.040 8.999 8.871 8.816 8.619 8.487 8.339	9.345 9.162 9.017 8.974 8.845 8.790 8.592 8.459 8.311 8.160	33.597 33.666 33.763 33.814 33.861 33.889 33.927 33.927 33.926 34.009	25.965 26.048 26.147 26.194 26.251 26.281 26.342 26.396 26.431 26.472	26.869 26.998 27.142 27.235 27.337 27.413 27.520 27.620 27.701 27.788	25.961 26.045 26.143 26.190 26.247 26.277 26.338 26.392 26.427 26.468	207.1 199.3 190.1 185.8 180.6 177.9 172.2 167.2 164.0 160.2	5.919 6.122 6.318 6.506 6.689 6.869 7.043 7.212 7.377 7.540	0000000000	1489.5 1489.1 1488.8 1488.9 1488.6 1488.6 1488.1 1487.8 1487.5 1487.1	638.9 698.7 760.6 824.3 889.9 957.2 1026.3 1097.2 1169.6 1243.7	43.1 88.2 84.1 67.1 42.5 30.1 51.8 4.4 23.4
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.3 338.2 348.1 358.1 368.0 377.9 387.8	8.120 7.963 7.873 7.674 7.525 7.432 7.427 7.427 7.278 7.160	8.089 7.931 7.841 7.642 7.492 7.398 7.392 7.366 7.242 7.123	34.017 34.035 34.036 34.050 34.052 34.061 34.082 34.104 34.103 34.118	26.489 26.526 26.541 26.581 26.603 26.623 26.641 26.662 26.679 26.707	27.851 27.934 27.995 28.082 28.151 28.217 28.280 28.347 28.410 28.485	26.484 26.521 26.536 26.576 26.599 26.619 26.636 26.657 26.674 26.702	158.8 155.3 154.0 150.3 148.2 146.4 144.9 143.0 141.5 138.9	7.700 7.857 8.011 8.163 8.312 8.459 8.605 8.749 8.891 9.032	0000000000	1487.0 1486.6 1486.4 1485.8 1485.2 1485.2 1485.5 1485.2 1484.9	1319.4 1396.7 1475.4 1555.8 1637.6 1720.8 1805.5 1891.7 1979.2 2068.2	39.5 32.7 43.0 37.6 42.9 19.2 13.3 11.6 30.9
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.8 407.7 417.6 427.5 437.5 447.4 457.3 467.2 477.1 487.1	6.926 6.887 6.718 6.611 6.543 6.391 6.450 6.221 6.154 6.005	6.889 6.849 6.679 6.572 6.503 6.351 6.409 6.180 6.111 5.962	34.105 34.119 34.116 34.125 34.125 34.140 34.140 34.118 34.124 34.130	26.730 26.746 26.766 26.781 26.797 26.816 26.821 26.833 26.847 26.870	28.555 28.617 28.684 28.745 28.807 28.874 28.923 28.984 29.044 29.115	26.725 26.741 26.761 26.775 26.792 26.811 26.815 26.828 26.841 26.865	136.8 135.4 133.4 132.1 130.7 128.8 128.6 127.3 126.1 123.8	9.169 9.306 9.440 9.573 9.704 9.834 9.963 10.091 10.217	0000000000	1484.1 1483.6 1483.4 1483.3 1482.8 1483.2 1482.5 1482.5 1482.4 1481.9	2158.5 2250.2 23437.5 2533.2 2630.1 2728.3 2827.8 2928.5 3030.5	19.7 29.1 7.7 18.2 4.4 18.7 9.4 14.0 24.9 19.0
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.7 546.6 5566.4 576.3 586.2	5.939 5.868 5.811 5.723 5.590 5.509 5.329 5.329 5.256	5.896 5.824 5.766 5.678 5.545 5.463 5.349 5.282 5.199 5.208	34.135 34.140 34.150 34.159 34.158 34.156 34.164 34.176 34.182 34.196	26.882 26.895 26.910 26.928 26.944 26.952 26.972 26.989 27.004 27.014	29.173 29.232 29.294 29.359 29.421 29.477 29.544 29.607 29.669 29.724	26.877 26.890 26.905 26.923 26.938 26.947 26.967 26.984 26.998 27.008	122.8 121.6 120.2 118.6 117.1 116.3 114.4 112.8 111.5	10.465 10.588 10.709 10.828 10.946 11.062 11.178 11.291 11.403 11.515		1481.8 1481.7 1481.7 1481.5 1481.1 1480.9 1480.7 1480.6 1480.4 1480.6	3133.7 3238.1 3343.7 3450.5 3558.5 3667.6 3777.8 3889.2 4001.7 4115.3	1.7 14.0 17.8 23.3 16.3 13.4 20.4 21.0
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0 690.0	596.1 606.0 616.0 625.9 635.8 645.7 655.6 675.4 685.3	5.246 5.347 5.395 5.306 5.237 5.172 5.130 5.120 5.088 5.029	5.197 5.297 5.344 5.253 5.184 5.119 5.076 5.065 5.032 4.973	34.205 34.231 34.253 34.265 34.275 34.285 34.289 34.292 34.303 34.307	27.022 27.031 27.043 27.063 27.080 27.095 27.103 27.107 27.119 27.129	29.778 29.831 29.888 29.955 30.018 30.079 30.134 30.183 30.242 30.298	27.017 27.025 27.037 27.057 27.073 27.088 27.097 27.100 27.112 27.122	110.0 109.4 108.5 106.6 105.1 103.7 103.0 102.7 101.6 100.7	11.625 11.735 11.844 11.951 12.057 12.162 12.265 12.368 12.470 12.571	.00.00.00.00	1480.8 1481.4 1481.8 1481.6 1481.5 1481.4 1481.4 1481.5 1481.6 1481.5	4230.0 4345.8 4462.7 4580.6 4699.6 4819.6 4940.6 5062.7 5185.7 5309.8	10.4 .8 23.7 13.1 15.4 16.0 9.6 -1 22.2 23.3
700.0 710.0 720.0 730.0 740.0 750.0 760.0 780.0 780.0	695.2 705.1 715.0 725.0 734.9 744.8 754.7 764.6 774.5 784.4	4.945 4.987 5.014 4.887 4.816 4.747 4.695 4.669 4.669	4.888 4.930 4.956 4.828 4.757 4.729 4.687 4.634 4.607 4.596	34.318 34.330 34.345 34.340 34.355 34.361 34.372 34.378 34.380	27.147 27.152 27.161 27.172 27.186 27.195 27.205 27.219 27.227 27.229	30.364 30.413 30.467 30.526 30.587 30.642 30.698 30.759 30.813 30.861	27.141 27.146 27.154 27.165 27.180 27.188 27.198 27.212 27.220 27.220	99.0 98.7 98.0 96.9 95.6 94.8 93.9 92.6 91.9 91.8	12.671 12.770 12.869 12.966 13.062 13.157 13.252 13.345 13.437 13.529	.00	1481.3 1481.7 1482.0 1481.6 1481.5 1481.5 1481.5 1481.5 1481.6 1481.7	5434.8 5560.8 5687.8 5815.8 5815.8 6074.5 6205.3 6337.0 6603.1	2.2 6.7 5.5 10.2 15.1 26.3 16.3 1.4 8.1
800.0 810.0 820.0 830.0 850.0 850.0 860.0 870.0 890.0	794.3 804.2 814.1 824.0 833.9 843.8 853.7 863.6 873.5 883.4	4.622 4.590 4.553 4.519 4.459 4.398 4.360 4.333 4.327 4.307	4.559 4.526 4.488 4.454 4.394 4.332 4.294 4.266 4.259 4.238	34.387 34.389 34.395 34.409 34.415 34.418 34.418 34.418	27.239 27.245 27.253 27.260 27.274 27.286 27.292 27.295 27.296 27.301	30.917 30.969 31.023 31.077 31.138 31.197 31.249 31.299 31.346 31.396	27.232 27.238 27.246 27.253 27.267 27.279 27.285 27.288 27.289 27.294	90.9 90.4 89.7 89.0 87.7 86.0 85.8 85.7 85.4	13.620 13.711 13.801 13.891 13.979 14.066 14.153 14.238 14.324 14.410	.00	1481.7 1481.8 1481.8 1481.8 1481.7 1481.6 1481.7 1481.7 1481.8 1481.9	6737.5 6872.8 7009.0 7146.1 7284.1 7422.9 7562.5 7703.0 7844.4 7986.6	2.6 3.2 6.6 1.7 22.2 4.1 5.5
900.0 910.0 920.0 930.0 940.0 950.0 960.0 980.0 990.0	893.3 903.2 913.1 923.0 932.8 942.7 952.6 962.5 972.4 982.3	4.291 4.250 4.234 4.225 4.222 4.164 4.144 4.106 4.092 4.020	4.221 4.180 4.163 4.154 4.150 4.092 4.071 4.032 4.017 3.945	34.426 34.430 34.432 34.435 34.442 34.444 34.446 34.446 34.446	27.306 27.314 27.317 27.320 27.321 27.333 27.336 27.342 27.346 27.359	31.447 31.501 31.550 31.599 31.646 31.704 31.754 31.806 31.855 31.917	27.299 27.307 27.310 27.313 27.313 27.325 27.329 27.334 27.338 27.352	84.9 84.2 84.0 83.8 83.8 82.7 82.4 81.9 81.6	14.495 14.580 14.664 14.748 14.831 14.915 14.998 15.080 15.161 15.242	.0	1482.0 1482.1 1482.3 1482.4 1482.4 1482.4 1482.4 1482.4	8129.6 8273.5 8418.1 8563.6 8710.0 8857.1 9005.1 9153.9 9303.5 9453.8	5.2 2.6 1.7 9 11.1 4.7 5.8 2.9

Station 1	112	Latitude	32° 08.	47'N	Longitu	de 126°	54.01'W	08	May 1991	GMT	7:46	Bottom	2385 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t		Dyn.Ht	LTR			_
db	m	*c	.c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	J/kg	0/0		TF m ³ /s ²	10 ⁶ /s ²
1000.0	992.2	3.987	3.912	34.458	27.364	31.968	27.357	79.8	15.322	.0		9605.0	6.7
1020.0 1040.0	1012.0	3.930 3.878	3.853	34.467	27.377	32.073	27.369	78.6	15.481	.ŏ		9909.6	6.1
1060.0	1051.5	3.779	3.800 3.700	34.472 34.474	27.387 27.398	32.175 32.280	27.379	77.8	15.638	.0	1482.7	10217.4	8.5
1080.0	1071.3	3.674	3.594	34.479	27.413	32.280	27.390 27.405	76.6 75.2	15.792 15.944	.0		10528.2 10842.0	2.9
1100.0 1120.0	1091.1	3.687	3.605	34.490	27.420	32.487	27.412	74.7	16.094	.ŏ		11158.7	10.2 10.2
1140.0	1110.8 1130.6	3.634 3.583	3.551 3.499	34.495 34.499	27.430	32.589	27.422	73.8	16.242	.0	1483.0	11478.3	4.1
1160.0	1150.4	3.484	3.400	34.499	27.438 27.447	32.690 32.793	27.430 27.439	73.1	16.389	.0	1483.1	11800.9	2.4
1180.0	1170.2	3.446	3.360	34.500	27.452	32.890	27.444	72.1 71.7	16.534 16.677	.0	1483.0 1483.2	12126.2 12454.4	3.8 2.9
1200.0	1189.9	3.415	3.328	34.503	27.458	32.988	27.449	71.3	16.820	.0		12785.4	3.0
1220.0 1240.0	1209.7 1229.4	3.369 3.311	3.281	34.508	27.467	33.089	27.458	70.5	16.962	.0	1483.5	13119.2	6.2
1260.0	1249.2	3.269	3.221 3.178	34.511 34.516	27.475 27.482	33.189 33.289	27.466	69.7	17.102	.0	1483.6	13455.7	2.7
1280.0	1268.9	3.241	3.148	34.518	27.487	33.289	27.473 27.478	69.0 68.6	17.241 17.378	.0	1483.8 1484.0	13795.0 14136.9	. 9
1300.0 1320.0	1288.7 1308.4	3.216	3.122	34.521	27.492	33.482	27.483	68.3	17.515	.0	1484.2	14481.5	.9 .7
1340.0	1328.2	3.165 3.138	3.071 3.042	34.525 34.526	27.500 27.503	33.583	27.491	67.5	17.651	.0	1484.4	14828.8	5.1
1360.0	1347.9	3.087	2.990	34.530	27.503	33.678 33.779	27.494 27.502	67.2 66.5	17.786 17.919	.0	1484.6	15178.7	2.7
1380.0	1367.7	3.044	2.946	34.535	27.519	33.879	27.510	65.7	18.051	.0	1484.7 1484.8	15531.3 15886.4	3.9 1.9
1400.0	1387.4	3.028	2.928	34.536	27.521	33.973	27.512	65.6	18.182	.0	1485.1	16244.0	
1420.0 1440.0	1407.2 1426.9	3.015	2.914	34.538	27.524	34.067	27.515	65.4	18.313	.ŏ	1485.4	16604.3	1.6
1460.0	1446.7	2.951 2.901	2.849 2.798	34.547 34.552	27.537 27.546	34.173	27.528	64.1	18.443	.0	1485.5	16967.0	6.0
1480.0	1466.4	2.858	2.753	34.555	27.552	34.274 34.373	27.537 27.543	63.3 62.7	18.570 18.696	.0	1485.6 1485.7	17332.3	1.3
1500.0	1486.1	2.826	2.720	34.558	27.558	34.470	27.548	62.2	18.821	.0	1485.9	17700.0 18070.2	1.0 -1.9
1520.0 1540.0	1505.8 1525.6	2.812 2.791	2.705 2.682	34.560 34.561	27.560	34.564	27.551	62.0	18.945	.0	1486.2	18442.8	6.1
1560.0	1545.3	2.780	2.669	34.562	27.563 27.565	34.658 34.752	27.553 27.556	61.8	19.069	.0	1486.5	18817.7	1.1
1580.0	1565.0	2.722	2.610	34.568	27.575	34.854	27.565	61.7 60.7	19.192 19.315	.0	1486.7 1486.8	19195.1 19574.9	2.6 3.4
1600.0	1584.8	2.705	2.592	34.567	27.576	34.947	27.566	60.6	19.436	.0			
1620.0 1640.0	1604.5	2.662	2.592 2.548	34.569	27.581	35.045	27.572	60.1	19.557	.0	1487.1 1487.2	19957.1 20341.6	4.6 4.1
1660.0	1624.2 1643.9	2.627 2.590	2.512 2.474	34.573 34.575	27.587	35.143	27.572 27.577	59.5	19.677	.0	1487.4	20728.4	2.9
1680.0	1663.6	2.536	2.418	34.581	27.593 27.602	35.240 35.342	27.583 27.592	59.0 58.0	19.795	.0	1487.6	21117.5	9.1
1700.0	1683.3	2.529	2.410	34.581	27.602	35.433	27.592	58.1	19.912 20.028	.0	1487.7 1488.0	21509.0 21902.7	1.2
1720.0 1740.0	1703.1 1722.8	2.494	2.374	34.584	27.608	35.531	27.598	57.5	20.144	:ŏ	1488.2	22298.6	.3 .0
1760.0	1742.5	2.489 2.471	2.368 2.348	34.584 34.586	27.608	35.622	27.598	57.6	20.259	.0	1488.5	22696.8	-1.1
1780.0	1762.2	2.427	2.303	34.589	27.612 27.618	35.716 35.815	27.601 27.608	57.3 56.6	20.374 20.488	.0	1488.8	23097.2	1.2
1800.0	1781.9	2.373	2.247	34.594	27.626	35.916				.0	1488.9	23499.8	2.7
1820.0	1801.6	2.347	2.220	34.596	27.631	36.012	27.616 27.620	55.8 55.4	20.601 20.712	.0	1489.0 1489.3	23904.6	3.3
1840.0 1860.0	1821.3	2.315	2.188	34.598	27.635	36.108	27.625	54.9	20.822	.0	1489.5	24311.6 24720.7	.4 1.8
1880.0	1841.0 1860.7	2.288 2.272	2.158 2.142	34.601 34.601	27.639	36.204	27.628	54.5	20.932	٠.0	1489.7	25131.9	8.0
1900.0	1880.4	2.239	2.108	34.604	27.641 27.646	36.297 36.393	27.630 27.635	54.4 53.9	21.041 21.149	.0	1489.9	25545.3	.1
1920.0	1900.1	2.239	2.106	34.604	27.646	36.484	27.635	53.9	21.149	.0	1490.1 1490.5	25960.7 26378.2	2.8 2.8
1940.0 1960.0	1919.8 1939.4	2.220	2.086 2.076	34.607	27.650	36.579	27.639	53.6	21.364	.0	1490.7	26797.9	5
	1959.1	2.184	2.047	34.607 34.610	27.651 27.655	36.671 36.766	27.640 27.644	53.6	21.471	.0	1491.0	27219.5	.8
	1978.8	2.184	2.045	34.610	27.656			53.2	21.578	.0	1491.2	27643.3	3.1
2050.0	2028.0	2.148	2.005	34.614	27.662	36.857 37.090	27.644 27.650	53.2 52.7	21.684 21.950	٠,	1491.6	28069.1	5
2098.0	2075.2	2.070	1.924	34.621	27.674	37.322	27.662		22.199	.0	1492.3 1492.7	29142.6 30185.1	15.8 .0

Station 1	13	Latitude	32° 05.	64'N	Longitu	ide 126°	55.55'W	08	May 1991	GMT 9	:46	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg		LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 59.8 69.7 79.7	16.019 15.659 15.234 15.101 15.029 14.383 14.151 14.030 13.977 14.131	16.019 15.657 15.231 15.097 15.023 14.375 14.142 14.021 13.965 14.118	33.180 33.189 33.202 33.188 33.183 33.152 33.129 33.123 33.119 33.207	24.344 24.432 24.537 24.555 24.567 24.682 24.712 24.733 24.741 24.778	24.344 24.476 24.625 24.687 24.744 24.903 24.903 25.044 25.096 25.176	24.344 24.432 24.536 24.554 24.566 24.680 24.711 24.731 24.739 24.775	357.2 349.1 339.5 338.1 337.2 326.5 323.9 322.1 321.6 318.5	.000 .356 .701 1.040 1.378 1.708 2.033 2.356 2.678 2.998	0000000000	1508.4 1507.4 1506.3 1506.0 1505.9 1504.0 1503.3 1503.1 1503.1	.0 1.8 7.1 15.7 27.8 43.2 61.8 83.6 108.7	.0 200.5 99.4 6.6 101.5 67.7 16.1 4.4 33.7 37.2
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.2	14.096 13.113 12.352 11.268 10.264 9.761 9.420 9.360 9.248	14.082 13.098 12.337 11.252 10.508 10.247 9.743 9.402 9.340 9.227	33.235 33.106 33.133 33.084 33.148 33.191 33.274 33.397 33.522 33.615	24.807 24.907 25.076 25.239 25.420 25.499 25.799 25.907 25.998	25.250 25.397 25.612 25.822 26.050 26.174 26.370 26.568 26.721 26.857	24.804 24.904 25.073 25.236 25.417 25.496 25.796 25.904 25.994	316.0 306.5 290.6 275.0 257.9 256.6 236.4 222.2 212.1 203.7	3.316 3.628 3.926 4.208 4.472 4.726 4.971 5.201 5.417 5.625	00000000000	1503.9 1500.7 1498.3 1494.6 1492.2 1491.5 1489.9 1489.0 1489.1 1488.9	168.4 203.0 240.6 281.1 324.3 370.1 418.3 468.9 521.7 576.6	32.8 118.7 72.6 240.5 69.6 85.7 174.9 126.8 73.6 146.2
200.0 210.0 220.0 230.0 240.0 250.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.090 9.119 9.123 8.899 8.768 8.574 8.404 8.171 8.018 7.948	9.069 9.097 9.100 8.875 8.743 8.548 8.377 8.143 7.990 7.919	33.704 33.766 33.840 33.881 33.921 33.955 33.976 33.997 34.005 34.006	26.093 26.137 26.194 26.262 26.314 26.371 26.413 26.465 26.494 26.506	26.998 27.087 27.189 27.303 27.401 27.504 27.593 27.691 27.766 27.824	26.089 26.133 26.190 26.258 26.310 26.367 26.409 26.461 26.490 26.501	194.9 190.9 185.7 179.3 174.6 165.3 165.3 167.8 156.8	5.823 6.015 6.204 6.386 6.563 6.735 6.902 7.065 7.224 7.382		1488.6 1489.0 1489.2 1488.6 1488.3 1487.8 1487.4 1486.7 1486.3 1486.1	633.5 692.3 753.1 815.6 880.0 946.0 1013.8 1083.2 1154.2 1226.7	51.3 30.2 85.9 21.1 30.5 59.4 37.7 28.0 14.5 9.6
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.906 7.789 7.576 7.498 7.331 7.183 7.135 7.119 7.062 7.004	7.876 7.758 7.545 7.466 7.298 7.150 7.101 7.084 7.027 6.968	34.022 34.011 34.032 34.043 34.049 34.072 34.072 34.082 34.085 34.090	26.524 26.532 26.580 26.601 26.627 26.649 26.674 26.684 26.694 26.707	27.888 27.942 28.037 28.103 28.177 28.245 28.316 28.316 28.427 28.486	26.520 26.528 26.576 26.596 26.623 26.645 26.669 26.669 26.690 26.702	155.2 154.6 150.1 148.3 145.8 143.7 141.5 141.5 139.9 138.8	7.538 7.693 7.845 7.994 8.142 8.286 8.429 8.570 8.710 8.849	00000000000	1486.2 1485.9 1485.2 1485.1 1484.6 1484.2 1484.2 1484.3 1484.3	1300.8 1376.4 1453.6 1532.2 1612.3 1693.9 1776.8 1861.2 1947.0 2034.1	3.4 46.4 19.5 10.7 29.4 18.8 5.6 19.4 13.3
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0 490.0	397.7 407.7 417.6 427.5 437.4 447.3 467.2 477.1 487.0	6.804 6.725 6.656 6.547 6.449 6.360 6.208 5.954 5.930	6.767 6.688 6.618 6.508 6.410 6.320 6.167 6.046 5.913 5.888	34.089 34.093 34.104 34.116 34.117 34.122 34.123 34.122 34.132 34.142	26.733 26.747 26.765 26.788 26.803 26.818 26.839 26.853 26.878 26.889	28.559 28.619 28.683 28.753 28.815 28.876 28.944 29.006 29.077 29.134	26.728 26.742 26.760 26.783 26.798 26.813 26.834 26.834 26.873 26.884	136.4 135.1 133.5 131.3 130.0 128.6 126.6 125.3 122.9 122.0	8.987 9.123 9.257 9.389 9.520 9.649 9.777 9.903 10.027	0000000000	1483.6 1483.5 1483.1 1483.9 1482.7 1482.3 1481.9 1481.6 1481.7	2122.7 2212.5 2303.7 2396.2 2490.1 2585.2 2681.5 2779.1 2878.0 2978.1	9.4 6.8 3.0 36.6 25.8 18.4 14.0 25.7 23.6 16.3
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.6 546.5 556.4 576.3 586.2	5.839 5.732 5.730 5.688 5.5641 5.569 5.523 5.523 5.475 5.450	5.796 5.688 5.686 5.593 5.592 5.502 5.475 5.427 5.401	34.149 34.146 34.159 34.167 34.172 34.175 34.183 34.183 34.195 34.207 34.227	26.906 26.916 26.928 26.939 26.949 26.960 26.969 26.969 26.996 27.016	29.198 29.255 29.312 29.369 29.425 29.483 29.538 29.538 29.597 29.658 29.723	26.900 26.911 26.922 26.933 26.943 26.955 26.963 26.976 26.991 27.010	120.4 119.5 118.6 117.6 116.7 115.7 115.0 113.8 112.5 110.8	10.270 10.390 10.509 10.627 10.744 10.860 10.976 11.090 11.203 11.315	00000000000	1481.5 1481.4 1481.4 1481.3 1481.3 1481.3 1481.4 1481.4	3079.3 3181.8 3285.4 3390.2 3496.2 3603.3 3711.6 3821.0 3931.5 4043.1	16.3 12.8 15.7 8.7 22.5 2.2 18.1 11.0 31.5 12.5
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0 690.0	596.1 606.0 615.9 625.9 635.8 645.7 655.6 675.4 685.3	5.398 5.311 5.128 5.123 4.988 5.055 5.062 5.048 5.022 4.938	5.348 5.261 5.077 5.072 4.937 5.003 5.008 4.993 4.967 4.883	34.239 34.244 34.232 34.256 34.256 34.280 34.280 34.305 34.308 34.308	27.032 27.045 27.058 27.077 27.090 27.104 27.118 27.125 27.130 27.149	29.785 29.846 29.907 29.972 30.032 30.150 30.203 30.254 30.320	27.026 27.039 27.052 27.071 27.084 27.098 27.112 27.119 27.124 27.143	109.3 108.1 106.7 105.0 103.7 102.6 101.5 100.9 100.5 98.6	11.425 11.533 11.641 11.747 11.851 11.954 12.056 12.157 12.258 12.357		1481.4 1481.2 1480.6 1480.8 1480.4 1480.9 1481.1 1481.2 1481.3 1481.1	4155.8 4269.6 4384.4 4500.3 4617.3 4735.2 4854.2 4974.2 5095.1 5217.1	8.4 14.5 15.4 6.6 21.5 8.1 4.3 8.4 10.2
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.8 754.7 764.5 774.5	4.914 4.885 4.842 4.818 4.761 4.739 4.719 4.666 4.664 4.638	4.858 4.828 4.784 4.760 4.702 4.679 4.659 4.605 4.603 4.576	34.325 34.328 34.337 34.353 34.359 34.366 34.375 34.379 34.383	27.156 27.162 27.174 27.180 27.196 27.203 27.211 27.224 27.228 27.234	30.373 30.425 30.483 30.535 30.598 30.651 30.705 30.764 30.814 30.867	27.150 27.156 27.167 27.174 27.189 27.197 27.205 27.217 27.221 27.227	98.1 97.6 96.5 96.0 94.5 93.2 92.1 91.8 91.3	12.456 12.554 12.651 12.747 12.842 12.937 13.030 13.123 13.215 13.306	0000000000	1481.2 1481.2 1481.3 1481.3 1481.3 1481.4 1481.4 1481.6 1481.6	5340.0 5463.9 5588.7 5714.5 5841.2 5968.9 6097.5 6227.0 6357.4 6488.7	10.1 8.1 20.4 9.0 4.9 3.7 15.4 3.1 8.4 2.6
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.3 804.2 814.1 824.0 833.9 843.8 853.7 863.5 873.5 883.3	4.589 4.569 4.513 4.466 4.426 4.406 4.352 4.328 4.270 4.228	4.527 4.505 4.449 4.402 4.361 4.286 4.261 4.202 4.160	34.403 34.406 34.406 34.414 34.417 34.421 34.421 34.423 34.433	27.245 27.257 27.266 27.274 27.286 27.286 27.295 27.301 27.314 27.322	30.924 30.982 31.038 31.092 31.146 31.197 31.252 31.304 31.364 31.419	27.238 27.250 27.259 27.267 27.275 27.279 27.288 27.293 27.307 27.315	90.3 89.2 88.4 87.6 86.9 86.6 85.7 85.3 84.0	13.397 13.486 13.575 13.663 13.750 13.837 13.923 14.009 14.094 14.177		1481.6 1481.7 1481.6 1481.6 1481.7 1481.6 1481.7 1481.6 1481.7	6620.9 6754.0 6887.9 7022.8 7158.4 7295.0 7432.4 7570.6 7709.7 7849.6	10.8 16.9 11.6 8.7 1.1 15.4 28.9 16.6
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.3 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.195 4.189 4.188 4.177 4.073 4.084 4.058 4.009 3.999 4.031	4.127 4.120 4.117 4.106 4.002 4.012 3.985 3.935 3.924 3.956	34.439 34.438 34.439 34.447 34.446 34.448 34.453 34.453	27.327 27.327 27.329 27.346 27.344 27.349 27.358 27.360 27.354	31.470 31.516 31.561 31.609 31.674 31.718 31.769 31.824 31.872 31.911	27.320 27.329 27.319 27.321 27.338 27.337 27.341 27.351 27.352 27.346	82.8 82.9 83.0 82.9 81.1 81.4 81.0 80.1 80.1	14.260 14.343 14.426 14.509 14.591 14.672 14.753 14.834 14.914	0000000000	1481.7 1481.8 1482.0 1482.1 1482.0 1482.1 1482.0 1482.2 1482.5	7990.3 8131.8 8274.1 8417.3 8561.2 8706.0 8851.6 8997.9 9145.0 9293.0	4 -1.5 -2.1 13.7 4.3 -1.8 14.6 8.1 -7.7

Station 1	.13	Latitude	32° 05.	64'N	Longitu	de 126°	55.55'W	08	May 1991	GMT 9	9:46	Bottom :	1040 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ²
1000.0 1020.0 1040.0 1056.0	992.2 1012.0 1031.7 1047.6	4.028 3.975 3.887 3.832	3.952 3.898 3.809 3.753	34.450 34.458 34.465 34.470	27.354 27.365 27.380 27.390	31.956 32.060 32.168 32.252	27.346 27.358 27.372 27.382	80.9 79.8 78.4 77.5	15.076 15.237 15.394	.00.00	1482.6 1482.7 1482.7	9441.7 9741.5 10044.4	24.6 7.3

Station 1		Latitude	32. 02.	52'N	Longit	ude 126°	57.54'W	08	May 1991	GMT 12	:42	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.9 39.9 49.8 59.8 69.7 79.7	15.726 15.637 15.106 15.023 14.983 14.697 14.277 14.164 14.246	15.726 15.635 15.103 15.018 14.977 14.690 14.268 14.255 14.053	33.181 33.187 33.185 33.174 33.173 33.165 33.139 33.132 33.179 33.160	24.411 24.436 24.551 24.561 24.669 24.625 24.694 24.712 24.732 24.756	24.411 24.480 24.639 24.694 24.746 24.846 24.960 25.022 25.026	24.411 24.435 24.551 24.560 24.568 24.623 24.692 24.710 24.729 24.753	350.9 348.8 338.1 337.4 337.0 332.0 325.6 324.2 322.6 320.6	.000 .351 .694 1.032 1.369 1.704 2.032 2.357 2.680 3.002	0000000000	1507.5 1507.3 1505.8 1505.7 1505.7 1505.0 1503.8 1503.5 1503.6	.0 1.7 7.0 15.6 27.5 42.8 61.4 83.3 108.4 136.7	.0 58.8 31.2 10.7 4.5 85.9 12.9 20.5 19.9
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 179.2 189.2	13.638 13.169 12.039 11.342 10.938 10.528 10.010 9.566 9.413 9.287	13.624 13.154 12.023 11.326 10.921 10.510 9.992 9.547 9.394 9.266	33.142 33.127 33.106 33.085 33.093 33.171 33.210 33.293 33.388 33.534	24.830 24.912 25.115 25.227 25.306 25.437 25.556 25.695 25.793 25.928	25.274 25.401 25.651 25.810 25.935 26.112 26.278 26.463 26.607 26.787	24.827 24.909 25.112 25.224 25.303 25.434 25.553 25.691 25.790 25.925	313.7 306.1 286.8 276.2 268.9 256.5 245.2 232.2 232.9 210.3	3.321 3.633 3.931 4.212 4.484 4.747 4.996 5.236 5.236 5.464 5.681	0000000000	1502.3 1500.9 1497.2 1494.9 1493.6 1492.4 1490.7 1489.4 1489.1 1489.0	168.2 202.8 240.5 281.0 324.3 370.2 418.7 469.6 522.8 578.2	89.8 182.9 262.6 103.5 155.5 166.6 124.0 168.1 121.9
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.128 9.056 9.031 8.819 8.672 8.468 8.376 8.296 8.083 7.921	9.107 9.034 9.008 8.795 8.647 8.349 8.269 8.055 7.892	33.644 33.747 33.791 33.867 33.908 33.968 33.978 33.978 34.004 34.008	26.040 26.132 26.170 26.264 26.319 26.397 26.419 26.441 26.484 26.511	26.945 27.082 27.166 27.305 27.406 27.531 27.599 27.666 27.755 27.829	26.036 26.128 26.167 26.260 26.315 26.393 26.415 26.436 26.479 26.507	199.9 191.3 187.9 179.1 174.1 166.7 164.7 162.9 158.9	5.886 6.082 6.272 6.456 6.632 6.802 6.968 7.132 7.292 7.451	0000000000	1488.7 1488.8 1488.3 1488.3 1488.0 1487.4 1487.3 1487.1 1486.5 1486.0	635.7 695.2 756.6 819.9 884.9 951.6 1020.0 1090.1 1161.7 1234.9	65.9 54.8 46.6 66.5 103.9 50.3 12.0 44.8 17.2 28.9
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 377.9 387.8	7.827 7.732 7.602 7.497 7.321 7.217 7.060 6.977 6.847 6.773	7.797 7.701 7.571 7.465 7.289 7.184 7.026 6.942 6.812 6.737	34.016 34.024 34.031 34.034 34.046 34.046 34.058 34.058 34.072	26.531 26.551 26.576 26.593 26.624 26.642 26.660 26.685 26.703 26.723	27.895 27.961 28.032 28.095 28.174 28.237 28.302 28.373 28.438 28.504	26.527 26.547 26.571 26.588 26.620 26.638 26.655 26.680 26.698 26.719	154.5 152.8 150.5 149.0 146.1 144.5 142.8 140.6 138.9 137.0	7.606 7.760 7.911 8.061 8.208 8.354 8.497 8.639 8.779 8.917	0000000000	1485.9 1485.7 1485.3 1485.1 1484.6 1484.3 1483.9 1483.7 1483.4 1483.3	1309.7 1386.0 1463.8 1543.1 1623.9 1706.1 1789.8 1874.8 1961.3 2049.1	25.1 24.2 10.1 47.9 11.2 19.4 17.6 21.7 5.3 21.4
400.0 410.0 420.0 430.0 440.0 450.0 470.0 480.0 490.0	397.8 407.7 417.6 427.5 437.5 447.4 457.3 467.2 477.1 487.0	6.670 6.641 6.511 6.357 6.302 6.183 6.098 6.033 5.945 5.918	6.634 6.604 6.473 6.318 6.263 6.144 6.058 5.992 5.904 5.876	34.077 34.083 34.084 34.084 34.095 34.111 34.116 34.122 34.135	26.741 26.757 26.767 26.786 26.795 26.819 26.843 26.855 26.871 26.885	28.569 28.630 28.687 28.753 28.809 28.880 28.949 29.008 29.071 29.130	26.736 26.752 26.762 26.781 26.790 26.815 26.837 26.850 26.866 26.880	135.4 134.1 133.1 131.3 130.5 128.3 126.2 125.0 123.6 122.4	9.053 9.188 9.322 9.454 9.585 9.714 9.841 9.966 10.091 10.214	.000000000	1483.1 1483.1 1482.8 1482.3 1482.3 1482.0 1481.8 1481.7 1481.5 1481.6	2138.3 2228.8 2320.6 2413.8 2508.3 2604.0 2701.0 2799.3 2898.8 2999.5	12.0 13.8 30.4 19.0 21.6 29.8 20.4 19.5 19.8
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.6 546.6 556.5 566.4 576.3	5.794 5.736 5.707 5.635 5.555 5.541 5.393 5.407 5.333 5.181	5.752 5.693 5.663 5.590 5.510 5.495 5.347 5.360 5.286 5.133	34.136 34.143 34.158 34.166 34.182 34.210 34.221 34.231 34.237 34.236	26.901 26.914 26.929 26.945 26.967 27.010 27.024 27.037 27.054	29.194 29.253 29.314 29.376 29.445 29.515 29.581 29.640 29.701 29.765	26.896 26.909 26.924 26.940 26.962 26.986 27.004 27.018 27.032 27.049	120.8 119.7 118.3 116.9 114.9 112.7 110.9 109.7 108.5 106.8	10.335 10.456 10.575 10.692 10.808 10.922 11.034 11.144 11.253 11.360	.00000000000000000000000000000000000000	1481.3 1481.2 1481.3 1481.1 1481.0 1481.2 1480.7 1481.0 1480.8 1480.4	3101.4 3204.5 3308.8 3414.2 3520.8 3628.6 3737.4 3847.4 3958.4 4070.5	24.2 13.4 15.4 16.6 15.1 18.9 19.2 13.9 5.1
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 616.0 625.9 635.8 645.7 655.6 665.5 675.4	5.004 5.131 5.145 5.017 5.034 5.038 4.981 4.970 4.938 4.859	4.956 5.082 5.095 4.966 4.983 4.985 4.928 4.916 4.884 4.804	34.220 34.247 34.256 34.255 34.275 34.297 34.311 34.323 34.335 34.335	27.062 27.069 27.074 27.088 27.103 27.120 27.138 27.148 27.161 27.168	29.821 29.872 29.923 29.924 30.044 30.107 30.171 30.228 30.287 30.341	27.056 27.063 27.068 27.082 27.097 27.114 27.132 27.142 27.155 27.162	105.9 105.6 105.2 103.8 102.6 101.1 99.5 98.6 97.4 96.7	11.467 11.573 11.678 11.782 11.885 11.987 12.088 12.187 12.285 12.382	.00	1479.8 1480.5 1480.7 1480.4 1480.6 1480.9 1480.8 1480.9 1481.0 1480.8	4183.6 4297.8 4413.0 4529.3 4646.6 4764.9 4884.1 5004.4 5125.6 5247.8	6.0 6.9 11.3 18.3 9.5 14.2 21.3 19.8 8.1 8.7
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 754.7 764.6 774.5 784.4	4.838 4.810 4.747 4.692 4.681 4.654 4.631 4.558 4.556	4.782 4.754 4.690 4.635 4.623 4.595 4.572 4.576 4.497 4.494	34.334 34.341 34.350 34.365 34.365 34.373 34.378 34.385 34.389 34.402	27.172 27.181 27.195 27.209 27.214 27.224 27.230 27.238 27.247 27.258	30.390 30.446 30.507 30.567 30.618 30.674 30.726 30.779 30.835 30.892	27.166 27.175 27.189 27.203 27.208 27.218 27.224 27.231 27.240 27.252	96.5 95.7 94.3 93.0 92.7 91.8 91.3 90.7 89.8 88.9	12.478 12.575 12.670 12.763 12.856 12.948 13.040 13.131 13.221 13.311	000000000000000000000000000000000000000	1480.9 1481.0 1480.9 1480.8 1480.9 1481.0 1481.1 1481.2 1481.1	5371.0 5495.1 5620.1 5746.1 5746.1 5872.9 6000.7 6129.4 6259.0 6389.5 6520.8	4.3 6.6 11.9 1.6 7.8 8.1 16.3 11.3 4.9
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 890.0	794.3 804.2 814.1 824.0 833.9 843.8 853.7 863.6 873.5 883.3	4.529 4.481 4.425 4.389 4.362 4.339 4.341 4.342 4.317 4.265	4.466 4.418 4.361 4.324 4.297 4.274 4.275 4.275 4.249 4.197	34.419 34.414 34.414 34.419 34.425 34.430 34.433 34.436	27.266 27.272 27.280 27.285 27.289 27.296 27.300 27.304 27.309 27.317	30.946 30.999 31.054 31.104 31.155 31.208 31.258 31.307 31.358 31.413	27.260 27.265 27.274 27.278 27.282 27.289 27.293 27.297 27.302 27.310	88.2 87.6 86.9 86.5 86.1 85.2 85.0 84.5 83.8	13.399 13.487 13.575 13.661 13.747 13.833 13.918 14.003 14.088 14.172	.00000000000000000000000000000000000000	1481.4 1481.3 1481.3 1481.3 1481.4 1481.6 1481.8 1481.8	6653.1 6786.2 6920.1 7055.0 7190.6 7327.1 7464.5 7692.7 7741.7 7881.5	.2 14.5 14.5 1 7.8 2.5 4.6 7.3 9.6
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.3 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.205 4.143 4.127 4.007 4.091 4.076 4.041 3.981 3.965 3.955	4.136 4.074 4.057 4.036 4.020 4.004 3.968 3.908 3.892 3.881	34.444 34.444 34.449 34.449 34.451 34.451 34.461 34.463	27.324 27.333 27.338 27.344 27.346 27.350 27.356 27.367 27.370 27.372	31.467 31.523 31.574 31.625 31.674 31.723 31.775 31.834 31.883 31.931	27.316 27.326 27.331 27.336 27.339 27.342 27.348 27.360 27.362 27.364	83.1 82.2 81.8 81.3 81.2 80.9 80.4 79.2 79.0 78.9	14.256 14.339 14.420 14.502 14.583 14.664 14.745 14.825 14.904 14.983	.00000000000000000000000000000000000000	1481.7 1481.6 1481.7 1481.8 1481.9 1482.0 1482.0 1482.0 1482.2	8022.2 8163.7 8306.0 8449.1 8592.9 8737.6 8883.1 9029.4 9176.4 9324.2	4.9 5.5 6.1 3.2 9.0 11.4 12.8 9

Station 1	.14	Latitude	32' 02.	52'N	Longitu	de 126°	57.54'W	08	May 1991	GMT 12	: 42	Bottom	2415 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t		Dyn.Ht	LTR	sv	TF	_N 2
db	m	•c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kç	j J/kg	0/0	m/s	m^3/s^2	10 ⁶ /s ²
1000.0 1020.0	992.2 1012.0	3.917	3.842	34.469	27.380	31.986	27.373	78.1	15.061	.0	1482.2	9472.8	13.4
1040.0	1031.7	3.870 3.842	3.793 3.765	34.473 34.477	27.388 27.394	32.086	27.380	77.5	15.217	.0	1482.3	9772.3	4.1
1060.0	1051.5	3.786	3.707	34.484	27.406	32.184 32.288	27.387 27.398	77.0 76.0	15.371 15.524	•0	1482.5 1482.6	10074.8 10380.3	2.9
1080.0	1071.3	3.757	3.677	34.485	27.410	32.383	27.402	75.7	15.676	.0	1482.8	10688.8	7.9 2.3
1100.0 1120.0	1091.1 1110.8	3.695	3.613	34.490	27.420	32.487	27.412	74.7	15.826	.ŏ	1482.9	11000.2	2.6
1140.0	1130.6	3.664 3.588	3.581 3.504	34.492 34.498	27.425 27.437	32.583	27.416	74.4	15.975	.0	1483.1	11314.6	.3
1160.0	1150.4	3.523	3.438	34.501	27.446	32.688 32.790	27.428 27.438	73.3 72.4	16.123 16.269	.0	1483.1 1483.2	11631.8 11952.0	3.8
1180.0	1170.1	3.473	3.386	34.506	27.455	32.892	27.446	71.6	16.412	.ŏ	1483.3	12274.9	11.4 1.8
1200.0	1189.9	3.447	3.359	34.510	27.460	32.989	27.451	71.2	16.555	.0	1483.5	12600.7	.3
1220.0 1240.0	1209.7 1229.4	3.393 3.335	3.304 3.245	34.514 34.517	27.469	33.090	27.460	70.3	16.697	.0	1483.7	12929.2	11.2
1260.0	1249.2	3.316	3.224	34.518	27.477 27.479	33.191 33.285	27.468 27.471	69.5	16.837	٠,٥	1483.7	13260.5	3.0
1280.0	1268.9	3.307	3.214	34.519	27.481	33,378	27.473	69.4 69.3	16.976 17.115	.0	1484.0 1484.3	13594.5 13931.3	.9 5.6
1300.0	1288.7	3.244	3.150	34.524	27.491	33,481	27.483	68.4	17.253	.ŏ	1484.4	14270.7	9.7
1320.0 1340.0	1308.4 1328.2	3.192 3.129	3.097	34.529	27.500	33.583	27.492	67.5	17.388	.0	1484.5	14612.8	2.1
1360.0	1347.9	3.093	3.033 2.996	34.533 34.538	27.510 27.517	33.685 33.784	27.501	66.6	17.522	٠.	1484.5	14957.5	7.4
1380.0	1367.7	3.059	2.960	34.540	27.521	33.881	27.508 27.512	65.9 65.6	17.655 17.786	.0	1484.7 1484.9	15304.8 15654.7	4.8 1.9
1400.0	1387.4	3.016	2.916	34.542	27.527	33.979	27.518	65.0	17.917	.0			
1420.0	1407.2	2.964	2.863	34.548	27.537	34.082	27.528	64.0	18.045	:0	1485.1 1485.2	16007.1 16362.1	1.3
1440.0 1460.0	1426.9	2.927	2.825	34.551	27.542	34.179	27.533	63.6	18.173	.ŏ	1485.4	16719.6	1.6
1480.0	1446.6 1466.4	2.901 2.856	2.797 2.752	34.553 34.557	27.547	34.275	27.538	63.2	18.299	.0	1485.6	17079.5	2.8
1500.0	1486.1	2.813	2.707	34.560	27.554 27.560	34.375 34.474	27.545 27.551	62.5	18.425	٠.٥	1485.7	17441.9	5.7
1520.0	1505.8	2.794	2.687	34.561	27.563	34.567	27.553	61.9 61.7	18.550 18.673	.0	1485.9 1486.1	17806.7 18173.9	1.9 -1.3
1540.0	1525.6	2.773	2.664	34.563	27.566	34.663	27.557	61.4	18.796	.ŏ	1486.4	18543.5	9.0
1560.0 1580.0	1545.3 1565.0	2.735	2.625	34.567	27.573	34.761	27.563	60.8	18.919	.0	1486.6	18915.5	4.6
		2.686	2.575	34.571	27.581	34.861	27.571	60.0	19.039	.0	1486.7	19289.9	1.7
1600.0 1620.0	1584.7 1604.4	2.654 2.609	2.542 2.496	34.574 34.577	27.586 27.592	34.958	27.576	59.5	19.159	.0	1486.9	19666.6	2.3
1640.0	1624.2	2.570	2.455	34.579	27.597	35.057 35.155	27.583 27.587	58.9 58.4	19.277 19.394	.0	1487.0 1487.2	20045.6	2.6
1660.0	1643.9	2.554	2.438	34.581	27.601	35.249	27.591	58.1	19.511	.0	1487.5	20426.9 20810.4	3 1.1
1680.0	1663.6	2.505	2.388	34.585	27.608	35.349	27.598	57.4	19.627	.ŏ	1487.6	21196.2	6.1
1700.0 1720.0	1683.3 1703.0	2.496 2.463	2.377 2.343	34.586 34.587	27.609 27.613	35.442	27.599	57.3	19.741	.0	1487.9	21584.3	2.9
1740.0	1722.7	2.406	2.285	34.592	27.622	35.537 35.639	27.603 27.612	56.9 56.0	19.855 19.968	.0	1488.1 1488.2	21974.5	3
1760.0	1742.4	2.380	2.258	34.594	27.626	35.735	27.616	55.6	20.080	:0	1488.4	22367.0 22761.6	3.8 .9
1780.0	1762.2	2.349	2.226	34.597	27.630	35.831	27.620	55.2	20.191	.ŏ	1488.6	23158.4	1.5
1800.0 1820.0	1781.9 1801.6	2.333 2.286	2.208	34.598	27.633	35.925	27.623	54.9	20.301	.0	1488,9	23557.3	3.9
1840.0	1821.3	2.268	2.160 2.141	34.601 34.603	27.639 27.642	36.024	27.629	54.3	20.410	.0	1489.0	23958.4	2
1860.0	1841.0	2.258	2.129	34.604	27.644	36.118 36.210	27.632 27.633	54.0 53.9	20.518	.0	1489.3 1489.5	24361.5	8
1880.0	1860.7	2.239	2.109	34.606	27.647	36.305	27.637	53.6	20.734	.0	1489.5	24766.8 25174.1	1.3 1.6
1900.0 1920.0	1880.3	2.230	2.099	34.606	27.649	36.397	27.638	53.6	20.841	.ŏ	1490.1	25583.5	1.9
1940.0	1900.0 1919.7	2.190 2.184	2.058 2.049	34.610 34.610	27.655 27.656	36.495	27.644	52.9	20.948	.0	1490.3	25994.9	2.5
1960.0	1939.4	2.176	2.040	34.612	27.657	36.586 36.679	27.645 27.647	52.9 52.8	21.053 21.159	. 0	1490.6 1490.9	26408.5	4
1980.0	1959.1	2.156	2.019	34.613	27.660	36.773	27.649	52.5	21.265	.0	1490.9	26824.0 27241.6	-1.0
2000.0	1978.8	2.129	1.991	34.616	27.665	36.869	27.654	52.1	21,369	.0	1491.3	27661.2	5.5
2050.0 2096.0	2028.0 2073.3	2.055 2.005	1.913	34.623	27.676	37.109	27.665	50.9	21.627	.0	1491.9	28719.1	ĭ.ĭ
20,0.0	-013.3	2.005	1.860	34.629	27.685	37.327	27.674	50.0	21.859	.0	1492.4	29703.1	.0

Station 1	15	Latitude	32. 00.		Longitu	ide 126°			May 1991	GMT 14		Bottom	
Pres. db	Depth m	Temp. °C	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	kg/m ³	$10^8 m^3/kg$	-	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.9 39.8 59.8 69.7 79.7	15.735 15.724 15.338 15.055 15.009 14.949 14.497 14.278 14.190 14.134	15.735 15.723 15.335 15.050 15.003 14.942 14.488 14.267 14.179 14.121	33.182 33.184 33.210 33.172 33.171 33.173 33.159 33.159 33.158 33.174	24.410 24.414 24.520 24.553 24.562 24.663 24.709 24.728 24.751	24.410 24.458 24.609 24.685 24.739 24.798 24.929 25.019 25.082 25.150	24.410 24.414 24.520 24.552 24.561 24.575 24.661 24.707 24.725 24.749	350.9 350.9 341.1 338.3 337.6 336.5 328.6 324.4 323.0 321.0	.000 .351 .701 1.039 1.377 1.714 2.046 2.373 2.696 3.019	0000000000	1507.5 1507.6 1506.6 1505.8 1505.8 1504.5 1503.9 1503.8	.0 1.7 7.0 15.7 27.7 43.1 61.8 83.8 109.1 137.5	3.5 270.1 8.3 8.6 46.7 24.7 18.5
100.0 110.0 120.0 130.0 140.0 150.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.2	14.313 13.992 13.226 11.757 11.228 10.418 9.765 9.755 9.570 9.262	14.298 13.976 13.210 11.741 11.211 10.401 9.748 9.736 9.550 9.242	33.249 33.197 33.162 33.082 33.108 33.149 33.240 33.389 33.451 33.584	24.773 24.799 24.928 25.148 25.265 25.439 25.620 25.739 25.817 25.971	25.215 25.287 25.462 25.730 25.894 26.115 26.342 26.506 26.630 26.831	24.770 24.796 24.925 25.145 25.263 25.436 25.617 25.736 25.814 25.968	319.3 317.0 304.8 283.8 272.7 256.2 239.1 228.1 220.7 206.2	3.339 3.657 3.970 4.263 4.543 4.809 5.056 5.289 5.514 5.727		1504.7 1503.7 1501.3 1496.3 1494.7 1492.0 1489.9 1489.7 1488.9	169.2 204.0 242.0 283.0 326.8 373.4 422.5 473.9 527.6 583.5	12.1 66.8 309.4 108.5 132.7 186.2 102.9 96.8 153.5 118.6
200.0 210.0 220.0 230.0 240.0 250.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.107 9.073 8.831 8.715 8.547 8.405 8.139 7.985 7.864 7.697	9.085 9.050 8.808 8.691 8.522 8.379 8.113 7.958 7.837 7.669	33.660 33.777 33.853 33.897 33.944 33.976 33.988 34.002 34.007 34.011	26.056 26.153 26.250 26.304 26.366 26.413 26.462 26.497 26.518 26.546	26.961 27.103 27.247 27.346 27.454 27.547 27.643 27.724 27.792 27.865	26.052 26.149 26.247 26.300 26.362 26.409 26.459 26.493 26.514 26.542	198.4 189.4 180.2 175.3 169.5 160.5 157.4 155.4 152.9	5.929 6.122 6.308 6.486 6.658 6.825 6.988 7.147 7.303 7.458	0000000000	1488.6 1488.8 1488.2 1487.9 1487.2 1487.2 1486.4 1486.0 1485.7 1485.2	641.5 701.4 763.2 826.7 892.1 959.0 1027.7 1097.9 1169.6 1242.9	54.5 59.8 48.6 78.8 69.7 37.4 56.7 20.7 22.1 27.4
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.615 7.528 7.351 7.245 7.162 7.024 6.906 6.750 6.663	7.585 7.498 7.321 7.213 7.130 6.991 6.762 6.762 6.715 6.628	34.020 34.024 34.043 34.041 34.047 34.056 34.061 34.065 34.071	26.565 26.580 26.621 26.634 26.650 26.669 26.712 26.721 26.737	27.931 27.992 28.079 28.139 28.201 28.266 28.337 28.402 28.457 28.519	26.561 26.576 26.616 26.630 26.646 26.665 26.688 26.707 26.717 26.732	151.2 149.9 146.1 144.9 143.5 141.7 139.6 137.9 137.1 135.6	7.610 7.760 7.908 8.053 8.198 8.340 8.481 8.620 8.757 8.894	00000000000	1485.0 1484.9 1484.4 1484.1 1484.0 1483.6 1483.0 1483.0 1483.0	1317.8 1394.1 1471.9 1551.1 1631.8 1713.9 1797.4 1882.3 1968.5 2056.1	24.1 10.1 42.8 9.4 13.5 16.7 15.2 19.6 11.7
400.0 410.0 420.0 430.0 440.0 450.0 470.0 480.0 490.0	397.8 407.7 417.6 427.5 437.5 447.4 457.3 467.2 477.1 487.0	6.574 6.490 6.367 6.249 6.103 6.043 5.958 5.907 5.845 5.772	6.538 6.453 6.330 6.211 6.065 6.004 5.918 5.867 5.804 5.730	34.068 34.074 34.076 34.095 34.107 34.117 34.127 34.129 34.134	26.747 26.763 26.780 26.807 26.829 26.847 26.865 26.879 26.889 26.902	28.575 28.638 28.702 28.775 28.845 28.908 28.973 29.034 29.090 29.149	26.742 26.758 26.776 26.802 26.824 26.842 26.860 26.874 26.884 26.897	134.8 133.4 131.7 129.2 127.2 125.6 123.9 122.6 121.8 120.6	9.029 9.163 9.296 9.426 9.554 9.680 9.805 9.805 9.29 10.051	00000000000	1482.7 1482.5 1482.2 1481.9 1481.5 1481.4 1481.2 1481.2 1481.1 1481.0	2145.1 2235.4 2326.9 2419.8 2514.0 2609.4 2706.1 2804.0 2903.1 3003.4	23.4 11.1 32.2 31.6 20.7 14.8 16.9 15.4 6.3
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.6 546.5 556.4 576.3 586.2	5.751 5.769 5.670 5.618 5.627 5.528 5.456 5.352 5.335 5.267	5.708 5.725 5.626 5.574 5.582 5.482 5.480 5.305 5.287 5.219	34.139 34.161 34.173 34.185 34.201 34.210 34.219 34.224 34.240 34.239	26.909 26.924 26.946 26.962 26.973 26.992 27.008 27.024 27.039 27.047	29.202 29.263 29.331 29.393 29.450 29.516 29.578 29.642 29.702 29.757	26.904 26.919 26.941 26.956 26.968 26.987 27.002 27.019 27.034 27.041	120.0 118.8 116.7 115.3 114.3 112.6 111.1 109.6 108.3 107.6	10.292 10.412 10.530 10.646 10.760 10.874 10.986 11.096 11.205	0000000000	1481.1 1481.4 1481.1 1481.1 1481.3 1481.1 1481.0 1480.7 1480.8 1480.7	3104.9 3207.5 3311.4 3416.4 3522.5 3629.8 3738.2 3847.6 3958.2 4069.8	3.4 4.9 16.0 13.7 18.6 14.2 18.9 8.7 13.3
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 616.0 625.9 635.8 645.7 655.6 665.5 675.4 685.3	5.209 5.144 5.076 5.021 4.980 5.101 5.128 5.102 5.057 5.001	5.160 5.095 5.026 4.970 4.929 5.049 5.047 5.002 4.945	34.242 34.247 34.247 34.244 34.271 34.271 34.283 34.295 34.304 34.316	27.056 27.062 27.076 27.080 27.086 27.092 27.098 27.111 27.123 27.140	29.813 29.865 29.925 29.976 30.029 30.078 30.129 30.188 30.247 30.310	27.050 27.056 27.070 27.074 27.080 27.086 27.092 27.104 27.117 27.133	106.7 106.2 105.0 104.6 104.1 103.8 103.4 102.3 101.2 99.6	11.420 11.527 11.632 11.737 11.842 11.946 12.049 12.152 12.254 12.354	0000000000	1480.7 1480.6 1480.4 1480.4 1481.1 1481.4 1481.4 1481.4 1481.4	4182.5 4296.2 4411.0 4526.8 4643.6 4761.5 4880.4 5000.3 5121.2 5243.1	4.8 4.8 20.4 1.6 4.9 4.6 15.4 9.0 14.0
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.8 734.8 754.7 764.6 774.5 784.4	4.956 4.906 4.866 4.832 4.779 4.721 4.703 4.676 4.648 4.624	4.900 4.850 4.808 4.774 4.720 4.662 4.643 4.616 4.587 4.562	34.321 34.327 34.331 34.338 34.346 34.354 34.356 34.371 34.376 34.381	27.149 27.159 27.167 27.176 27.189 27.201 27.205 27.220 27.227 27.234	30.365 30.422 30.476 30.531 30.590 30.649 30.700 30.760 30.814 30.867	27.142 27.153 27.160 27.170 27.182 27.194 27.199 27.213 27.221 27.227	98.8 97.9 97.2 96.4 95.3 94.1 93.8 92.5 91.8 91.3	12.454 12.552 12.650 12.747 12.842 12.937 13.031 13.124 13.217 13.308	0000000000	1481.4 1481.3 1481.4 1481.3 1481.4 1481.4 1481.4 1481.5 1481.6	5366.0 5489.9 5614.7 5740.5 5867.2 5994.9 6123.5 6253.0 6383.4 6514.7	10.2 6.6 17.5 4.6 12.2 6.6 5.2 21.9 2.8 6.4
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.3 804.2 814.1 824.0 833.9 843.8 853.7 863.6 873.5 883.4	4.606 4.581 4.538 4.509 4.500 4.466 4.406 4.379 4.351 4.297	4.543 4.518 4.474 4.444 4.434 4.439 4.339 4.312 4.283 4.228	34.387 34.388 34.389 34.401 34.410 34.411 34.413 34.421 34.421	27.241 27.244 27.250 27.263 27.271 27.274 27.282 27.286 27.296 27.308	30.919 30.969 31.021 31.080 31.134 31.184 31.238 31.289 31.345 31.403	27.234 27.237 27.243 27.256 27.264 27.267 27.274 27.279 27.289 27.301	90.7 90.5 89.9 88.8 88.1 87.1 86.7 85.8	13.399 13.490 13.580 13.669 13.757 13.845 13.933 14.020 14.106 14.191	0000000000	1481.7 1481.7 1481.8 1481.9 1481.9 1481.8 1481.9 1482.0 1482.0	6647.0 6780.1 6914.1 7049.0 7184.7 7321.4 7458.8 7597.2 7736.4 7876.4	2.9 6.4 9.3 10.8 8.1 6.1 3.4 7.0 4.6
900.0 910.0 920.0 930.0 940.0 950.0 970.0 980.0 990.0	893.3 903.2 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.285 4.245 4.218 4.173 4.158 4.133 4.076 4.045 4.017	4.215 4.175 4.148 4.102 4.086 4.060 4.003 3.972 3.943 3.939	34.434 34.437 34.439 34.442 34.445 34.451 34.451 34.453 34.455 34.456	27.314 27.320 27.325 27.331 27.335 27.343 27.349 27.354 27.358 27.360	31.455 31.507 31.558 31.661 31.661 31.715 31.768 31.820 31.870 31.917	27.306 27.313 27.317 27.324 27.327 27.335 27.342 27.347 27.351 27.352	84.2 83.7 83.3 82.6 82.4 81.0 80.6 80.2	14.276 14.360 14.443 14.526 14.609 14.691 14.772 14.853 14.933 15.014	0000000000	1482.0 1482.0 1482.1 1482.1 1482.2 1482.2 1482.2 1482.2 1482.2	8017.3 8159.0 8301.5 8444.8 8588.9 8733.9 8879.6 9026.1 9173.5 9321.6	2.0 3 5.2 4.0 9.0 4.6 10.2 4.3 3.5 4.9

Station 1	15	Latitude	32° 00.	00'N	Longitu	ide 126°	59.11'W	08	May 1991	GMT 14	1:33	Bottom	3425 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht	LTR 0/0	SV m/s	TF m ³ /s ²	N ² 10 ⁶ /s ²
1000.0 1020.0 1040.0 1060.0 1080.0 1120.0 1140.0 1160.0 1180.0	992.2 1012.0 1031.8 1051.5 1071.3 1091.1 1110.8 1130.6 1150.4 1170.1	3.967 3.914 3.863 3.797 3.671 3.593 3.533 3.486 3.429	3.891 3.837 3.785 3.718 3.646 3.589 3.515 3.449 3.401 3.343	34.458 34.463 34.476 34.482 34.488 34.492 34.495 34.502 34.508	27.367 27.375 27.391 27.403 27.415 27.424 27.433 27.443 27.443 27.460	31.971 32.072 32.180 32.284 32.389 32.491 32.593 32.696 32.796 32.899	27.359 27.368 27.383 27.395 27.407 27.416 27.425 27.435 27.442 27.452	79.5 78.8 77.3 76.3 75.2 74.3 73.4 72.5 71.9	15.093 15.252 15.408 15.561 15.713 15.862 16.010 16.156 16.300 16.443	000000000000	1482.4 1482.5 1482.6 1482.7 1482.7 1482.8 1482.8 1482.9 1483.0 1483.1	9470.5 9770.6 10073.8 10380.1 10689.3 11001.4 11316.5 11634.4 11955.2 12278.8	6.7 6.1 1.2 7.6 3.2 2.3 7.0 14.9 6.4
1200.0 1220.0 1240.0 1260.0 1300.0 1320.0 1340.0 1360.0 1380.0	1189.9 1209.7 1229.4 1249.2 1268.9 1288.7 1308.4 1328.2 1347.9 1367.7	3.395 3.360 3.331 3.299 3.278 3.222 3.176 3.144 3.086 3.044	3.308 3.272 3.241 3.208 3.185 3.128 3.081 3.048 2.989 2.946	34.511 34.515 34.517 34.520 34.524 34.532 34.532 34.535 34.538 34.541	27.466 27.473 27.477 27.488 27.488 27.504 27.504 27.517 27.517	32.996 33.096 33.192 33.289 33.385 33.487 33.587 33.684 33.684 33.884	27.458 27.465 27.469 27.474 27.479 27.487 27.495 27.500 27.508 27.515	70.4 69.8 69.5 69.1 68.7 67.9 67.1 65.9 65.3	16.584 16.724 16.863 17.002 17.140 17.276 17.411 17.545 17.677 17.808	00000000000	1483.3 1483.5 1483.7 1483.9 1484.2 1484.3 1484.4 1484.6 1484.7	12605.1 12934.2 13266.0 13600.6 13937.8 14277.7 14620.3 14965.4 15313.2 15663.5	7.1 5.0 5 .1 3.3 .4 4.5 5
1400.0 1420.0 1440.0 1460.0 1500.0 1520.0 1540.0 1560.0 1580.0	1387.4 1407.2 1426.9 1446.6 1466.4 1486.1 1505.8 1525.6 1545.3 1565.0	3.014 2.981 2.962 2.928 2.881 2.855 2.823 2.757 2.717	2.914 2.880 2.859 2.824 2.776 2.749 2.715 2.684 2.647 2.605	34.545 34.547 34.549 34.552 34.555 34.560 34.560 34.564 34.568	27.529 27.534 27.538 27.543 27.550 27.554 27.559 27.569 27.569 27.575	33.981 34.078 34.173 34.271 34.370 34.466 34.563 34.659 34.757 34.855	27.520 27.525 27.529 27.534 27.541 27.545 27.550 27.554 27.559 27.566	64.8 64.3 64.1 63.6 62.9 62.6 62.2 61.7 60.6	17.938 18.068 18.196 18.324 18.450 18.576 18.701 18.824 19.069	00000000000	1485.1 1485.5 1485.7 1485.8 1486.1 1486.5 1486.6 1486.6	16016.4 16371.8 16729.7 17090.1 17452.9 17818.3 18186.0 18556.2 18928.8 19303.7	1.0 3.4 2.2 4.0 2.2 1.9 -9.8 2.5 4.5
1600.0 1620.0 1640.0 1660.0 1700.0 1720.0 1740.0 1760.0	1584.7 1604.5 1624.2 1643.9 1663.6 1683.3 1703.0 1722.8 1742.5 1762.2	2.671 2.628 2.583 2.551 2.496 2.465 2.453 2.401 2.384 2.352	2.559 2.515 2.468 2.435 2.379 2.347 2.333 2.280 2.262 2.229	34.571 34.578 34.580 34.585 34.587 34.588 34.588 34.592 34.594 34.595	27.581 27.588 27.596 27.600 27.608 27.613 27.613 27.623 27.625 27.629	34.954 35.053 35.153 35.249 35.350 35.446 35.540 35.640 35.734 35.829	27.572 27.579 27.586 27.590 27.598 27.603 27.605 27.615 27.615	60.0 59.6 58.2 57.3 56.7 55.7 55.7	19.190 19.309 19.427 19.544 19.659 19.774 19.887 20.000 20.111 20.222	0000000000	1487.0 1487.1 1487.2 1487.4 1487.5 1488.0 1488.1 1488.4 1488.6	19681.0 20060.6 20442.6 20826.8 21213.2 21601.9 21992.8 22385.9 22781.1 23178.5	2.0 4.3 2.4 3.2 1.5 3.2 2.1 2.1 2.1
1960.0 1980.0	1781.9 1801.6 1821.3 1841.0 1860.7 1880.4 1900.1 1919.7 1939.4 1959.1	2.324 2.304 2.277 2.259 2.231 2.209 2.182 2.126 2.115	2.199 2.178 2.150 2.131 2.101 2.078 2.049 2.024 1.991 1.978	34.599 34.600 34.602 34.603 34.607 34.609 34.612 34.614 34.617 34.617	27.635 27.637 27.641 27.644 27.649 27.652 27.657 27.661 27.666	35.927 36.021 36.116 36.210 36.307 36.401 36.497 36.593 36.690 36.781	27.624 27.627 27.631 27.633 27.639 27.642 27.646 27.650 27.655	54.8 54.6 54.2 54.0 53.4 53.1 52.3 51.8 51.7	20.332 20.441 20.550 20.658 20.766 20.872 20.978 21.083 21.188 21.291		1488.8 1489.1 1489.3 1489.6 1489.8 1490.0 1490.2 1490.5 1490.7 1491.0	23578.1 23979.7 24383.5 24789.4 25197.3 25607.3 26019.4 26433.5 26849.7 27267.8	1.2 5.6 5 3.0 .7 2.2 2.8 3.4 1.5
2050.0	1978.8 2028.0 2073.3	2.095 2.049 2.025	1.957 1.907 1.880	34.619 34.624 34.627	27.670 27.678 27.682	36.876 37.111 37.324	27.659 27.667 27.671	51.4 50.7 50.4	21.394 21.649 21.882	.0	1491.2 1491.8 1492.5	27687.9 28746.9 29731.9	2.8 1.4 .0

Station 1	16	Latitude	31. 52.	90'N	Longit	ude 127°	03.05'W	08	May 1991	GMT 16	:36	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma -0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 59.8 69.7 79.7 89.7	15.660 15.599 15.015 14.916 14.885 14.812 14.416 14.253 14.291 14.216	15.660 15.598 15.012 14.912 14.879 14.805 14.408 14.243 14.280 14.203	33.186 33.199 33.185 33.183 33.184 33.174 33.204 33.233 33.224	24.430 24.453 24.571 24.592 24.598 24.692 24.749 24.764 24.773	24.430 24.497 24.660 24.724 24.836 24.957 25.059 25.118 25.172	24.430 24.453 24.571 24.591 24.597 24.614 24.690 24.747 24.762 24.771	349.1 347.1 336.2 334.6 334.2 332.9 325.8 320.6 319.5 318.9	.000 .349 .689 1.025 1.359 1.693 2.022 2.344 2.664 2.984	00000000000	1507.2 1507.2 1505.5 1505.4 1505.4 1504.2 1504.2 1504.2 1504.2	.0 1.7 6.9 15.5 27.3 42.5 61.1 82.8 107.7 135.9	.0 126.4 34.4 11.8 3.6 57.8 99.9 20.2 10.3 35.2
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.3 179.2 189.2	13.724 13.606 13.184 12.039 10.934 10.685 10.094 9.800 9.715 9.489	13.710 13.591 13.168 12.022 10.917 10.667 10.076 9.781 9.695 9.468	33.160 33.184 33.157 33.126 33.094 33.177 33.304 33.334 33.405 33.521	24.826 24.868 24.933 25.130 25.307 25.415 25.615 25.688 25.758 25.885	25.270 25.357 25.467 25.711 25.936 26.089 26.336 26.456 26.570 26.744	24.823 24.865 24.930 25.127 25.304 25.412 25.612 25.685 25.754 25.882	314.1 310.3 304.4 285.6 268.7 258.6 239.7 232.8 226.4 214.4	3.300 3.613 3.921 4.217 4.495 4.759 5.007 5.241 5.471 5.692	0000000000	1502.6 1502.4 1501.1 1497.4 1493.6 1493.0 1491.2 1490.3 1490.2 1489.7	167.2 201.6 239.1 279.6 323.0 369.0 417.6 468.6 521.8 577.4	44.8 18.7 105.3 114.1 103.4 232.2 240.3 20.6 95.6 95.0
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.114 9.071 8.979 8.884 8.774 8.697 8.497 8.214 8.079	9.092 9.048 8.956 8.859 8.748 8.671 8.464 8.349 8.186 8.050	33.599 33.689 33.755 33.849 33.897 33.929 33.972 33.979 33.994 34.003	26.007 26.084 26.151 26.239 26.294 26.331 26.397 26.420 26.456 26.483	26.912 27.035 27.146 27.280 27.381 27.464 27.575 27.645 27.727 27.801	26.003 26.081 26.147 26.235 26.290 26.327 26.393 26.416 26.452 26.479	203.0 195.8 189.7 181.5 176.4 173.0 167.0 164.8 161.5	5.902 6.102 6.294 6.481 6.658 6.834 7.003 7.169 7.333 7.494	0000000000	1488.6 1488.7 1488.6 1488.5 1488.2 1487.7 1487.4 1487.0 1486.6	635.0 694.7 756.3 819.8 885.1 952.1 1020.8 1091.2 1163.3 1236.9	99.3 83.2 34.9 136.2 2.1 75.3 45.1 1.7 48.5 33.3
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.3 338.2 348.1 358.1 368.0 377.9 387.8	7.903 7.764 7.554 7.463 7.239 7.058 7.002 6.944 6.872 6.828	7.873 7.733 7.523 7.431 7.206 7.025 6.968 6.910 6.837 6.792	34.005 34.007 34.032 34.047 34.039 34.041 34.052 34.057 34.065 34.088	26.512 26.533 26.583 26.608 26.633 26.660 26.677 26.689 26.705 26.729	27.875 27.943 28.040 28.111 28.183 28.257 28.320 28.377 28.439 28.509	26.507 26.529 26.579 26.603 26.628 26.655 26.672 26.684 26.700 26.724	156.4 154.5 149.8 147.6 145.2 142.7 141.2 140.1 138.8 136.6	7.651 7.806 7.958 8.107 8.253 8.397 8.539 8.680 8.819 8.957	.0000000000	1486.1 1485.8 1485.2 1485.0 1484.3 1483.7 1483.6 1483.5 1483.5	1312.1 1388.9 1467.2 1546.9 1628.2 1710.8 1794.9 1880.4 1967.2 2055.5	15.4 32.1 17.4 37.6 14.4 26.7 -2.0 17.3 25.8
400.0 410.0 420.0 430.0 440.0 450.0 460.0 480.0 490.0	397.8 407.7 417.6 427.5 437.5 447.4 457.3 467.2 477.1 487.1	6.646 6.554 6.450 6.392 6.180 6.109 6.022 5.971	6.609 6.517 6.412 6.354 6.203 6.140 6.069 5.981 5.981 5.982	34.079 34.090 34.097 34.107 34.117 34.118 34.126 34.144 34.152 34.164	26.747 26.767 26.787 26.802 26.829 26.838 26.854 26.878 26.878 26.878	28.574 28.641 28.708 28.768 28.843 28.898 28.960 29.031 29.031 29.152	26.742 26.762 26.782 26.796 26.824 26.833 26.849 26.873 26.886 26.902	134.9 133.1 131.2 129.9 127.3 126.5 125.1 122.8 122.8 120.3	9.093 9.226 9.358 9.489 9.617 9.744 9.870 9.994 10.116		1483.0 1482.8 1482.5 1482.5 1482.1 1482.0 1481.7 1481.7 1481.7	2145.0 2235.9 2328.2 2421.7 2516.5 2612.5 2709.8 2808.4 2908.1 3009.1	31.6 21.7 5.2 14.0 10.2 9.9 28.3 9.9 16.9
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.7 546.6 556.4 566.4 586.2	5.885 5.830 5.793 5.706 5.627 5.551 5.433 5.373 5.297 5.416	5.842 5.787 5.748 5.661 5.581 5.505 5.326 5.326 5.326 5.367	34.170 34.181 34.186 34.192 34.202 34.209 34.212 34.215 34.222 34.250	26.917 26.933 26.941 26.957 26.975 26.989 27.006 27.015 27.030 27.038	29.208 29.270 29.324 29.387 29.451 29.512 29.576 29.632 29.634 29.746	26.911 26.927 26.935 26.951 26.969 26.983 27.000 27.009 27.009 27.024 27.032	119.5 118.1 117.4 115.9 114.3 113.0 111.3 110.5 109.1 108.6	10.357 10.476 10.594 10.710 10.825 10.939 11.051 11.162 11.272 11.381	.00000000000000000000000000000000000000	1481.7 1481.6 1481.6 1481.5 1481.3 1481.2 1480.8 1480.8 1480.7 1481.4	3111.2 3214.5 3319.0 3424.6 3531.4 3639.3 3748.3 3858.5 3969.7 4082.0	10.8 11.6 21.0 16.3 15.4 7.5 25.4 18.6 11.3
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 616.0 625.9 635.8 645.6 655.6 675.4 685.3	5.365 5.278 5.238 5.219 5.162 5.104 5.024 4.992 4.9959	5.315 5.228 5.187 5.168 5.110 5.051 4.971 4.938 4.905 4.884	34.254 34.258 34.263 34.278 34.289 34.293 34.296 34.304 34.313 34.320	27.047 27.061 27.069 27.084 27.099 27.109 27.120 27.120 27.131 27.142 27.149	29.801 29.862 29.917 29.977 30.038 30.095 30.153 30.209 30.267 30.321	27.041 27.055 27.063 27.078 27.093 27.103 27.114 27.124 27.136 27.143	103.2 102.2 101.2	11.489 11.596 11.702 11.808 11.911 12.014 12.116 12.217 12.316 12.415		1481.3 1481.1 1481.1 1481.2 1481.2 1481.1 1481.0 1481.0 1481.0	4195.3 4309.7 4425.2 4541.7 4659.3 4777.8 4897.4 5017.9 5139.5 5262.0	7.8 11.3 6.6 18.9 9.0 11.3 6.0 9.5 1.9
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 725.0 734.9 744.8 754.7 764.6 774.5	4.898 4.873 4.861 4.845 4.775 4.792 4.718 4.692 4.679	4.842 4.817 4.803 4.783 4.716 4.716 4.732 4.657 4.630 4.616	34.326 34.335 34.348 34.353 34.365 34.366 34.379 34.378 34.382	27.160 27.169 27.181 27.187 27.196 27.205 27.214 27.221 27.227 27.230	30.377 30.432 30.490 30.542 30.557 30.652 30.706 30.761 30.813 30.862	27.153 27.162 27.175 27.180 27.190 27.198 27.207 27.215 27.220 27.223	97.7 97.0 95.9 95.4 94.7 93.8 93.2 92.4 91.9	12.514 12.611 12.707 12.803 12.898 12.992 13.085 13.178 13.270 13.362	.00	1481.1 1481.2 1481.3 1481.4 1481.6 1481.5 1481.8 1481.6 1481.7 1481.8	5385.5 5509.9 5635.3 5761.7 5889.0 6017.2 6146.3 6276.4 6407.3 6539.2	12.8 9.3 10.4 11.3 6.1 2.0 2.0 6.7 4.0 6.4
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 890.0	794.3 804.2 814.1 824.0 833.9 843.8 853.7 863.6 873.5 883.4	4.620 4.612 4.580 4.531 4.512 4.456 4.412 4.383 4.378 4.336	4.557 4.548 4.516 4.446 4.390 4.345 4.316 4.310	34.391 34.395 34.400 34.404 34.408 34.412 34.417 34.420 34.429	27.243 27.247 27.254 27.259 27.265 27.274 27.282 27.289 27.292 27.304	30.921 30.971 31.024 31.076 31.128 31.184 31.238 31.291 31.340 31.399	27.236 27.240 27.247 27.252 27.258 27.267 27.275 27.282 27.285 27.297	90.3 89.6 89.7 88.7 87.1 86.5 86.3	13.453 13.544 13.634 13.723 13.812 13.900 13.988 14.074 14.161 14.247	.00000000000000000000000000000000000000	1481.7 1481.9 1481.9 1481.9 1481.9 1481.9 1481.9 1482.1	6672.0 6805.6 6940.1 7075.6 7211.9 7349.0 7487.0 7625.9 7765.7 7906.2	6.1 1.7 3.5 2.3 11.9 8.1 11.7 12.8 9.9
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.3 903.2 913.1 923.0 932.8 942.7 952.6 962.5 972.4 982.3	4.298 4.259 4.247 4.227 4.210 4.159 4.125 4.107 4.078 4.055	4.229 4.189 4.176 4.156 4.138 4.087 4.052 4.033 4.004 3.980	34.429 34.438 34.438 34.443 34.446 34.446 34.450 34.453 34.455	27.308 27.311 27.317 27.323 27.329 27.337 27.342 27.346 27.351 27.355	31.448 31.498 31.550 31.601 31.654 31.708 31.760 31.809 31.861 31.911	27.300 27.304 27.310 27.315 27.321 27.329 27.334 27.338 27.343 27.343	84.5 84.0 83.6 83.1 82.3 81.8 81.6 81.1	14.332 14.416 14.500 14.584 14.668 14.751 14.833 14.914 14.996 15.076	.00	1482.1 1482.2 1482.3 1482.4 1482.3 1482.4 1482.5 1482.5 1482.5	8047.6 8189.9 8333.0 8476.9 8621.6 8767.1 8913.5 9060.6 9208.5 9357.3	4.0 3.8 5.5 4.6 14.3 10.2 6.7 1.7 8.2

Station 1	.16	Latitude	31° 52.	90'N	Longitu	de 127°	03.05'W	08	May 1991	GMT 16	:36	Bottom 4	4275 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn.Ht	LTR	sv	TF	N ²
db	m	•c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	$10^{8} m^{3}/kg$		0/0	m/s	m ³ /s ²	10 ⁶ /s ²
1000.0 1020.0 1040.0 1060.0	992.2 1012.0 1031.8 1051.5	3.996 3.943 3.879 3.829	3.921 3.866 3.801 3.750	34.461 34.465 34.470 34.476	27.366 27.375 27.385 27.395	31.969 32.070 32.174 32.276	27.358 27.367 27.377 27.387	79.7 78.9 77.9 77.1	15.157 15.315 15.472 15.627	.0 .0 .0	1482.5 1482.6 1482.7 1482.8	9506.8 9808.2 10112.7 10420.2	3 .3 9.4 4.4
1080.0 1100.0 1120.0	1071.3 1091.1 1110.9	3.784 3.722 3.682	3.703 3.640 3.599	34.481 34.487 34.492	27.404 27.415 27.423	32.377 32.481 32.580	27.396 27.407 27.414	76.3 75.3 74.6	15.780 15.932 16.082	.0	1483.0 1483.0 1483.2	10730.7 11044.2 11360.7	4.7 8.5 5.9
1140.0 1160.0	1130.6 1150.4	3.615 3.558	3.531 3.473	34.497 34.502	27.433 27.443	32.684 32.787	27.425 27.435	73.7 72.7	16.230 16.377	.0	1483.3 1483.3	11680.1 12002.4	5.0 6.8
1180.0 1200.0	1170.2 1189.9	3.504 3.443	3.417 3.355	34.505 34.511	27.451 27.461	32.887 32.990	27.442 27.453	72.0 71.0	16.521 16.664	.0 .0	1483.5 1483.5	12327.5 12655.4	2.1 5.9
1220.0 1240.0	1209.7 1229.4	3.396 3.332	3.307 3.242	34.512 34.517	27.467 27.477	33.088 33.192	27.458 27.469	70.5 69.5	16.806 16.946	.ŏ	1483.7 1483.7	12986.1 13319.6	3.8 1.8
1260.0 1280.0 1300.0	1249.2 1269.0 1288.7	3.299 3.270 3.218	3.208 3.177 3.125	34.518 34.522 34.529	27.481 27.487 27.498	33.288 33.385 33.488	27.473 27.478	69.2 68.7	17.085 17.222 17.358	.0	1483.9 1484.1	13655.7 13994.6	7.4 3.3
1320.0 1340.0	1308.5 1328.2	3.174 3.122	3.079 3.026	34.532 34.535	27.504 27.512	33.587 33.687	27.489 27.495 27.503	67.7 67.1 66.4	17.493 17.626	.0	1484.3 1484.4 1484.5	14336.1 14680.3 15027.1	5.9 1.8 4.2
1360.0 1380.0	1348.0 1367.7	3.079 3.041	2.982 2.943	34.539 34.542	27.519 27.525	33.787 33.885	27.510 27.516	65.7 65.2	17.759 17.889	.0	1484.7 1484.8	15376.5 15728.4	2.2 4.2
1400.0 1420.0 1440.0	1387.4 1407.2 1426.9	3.003 2.952 2.941	2.903 2.852 2.838	34.545 34.548 34.549	27.531 27.538 27.540	33.983 34.083 34.176	27.522 27.529 27.531	64.7 63.9 63.9	18.019 18.147 18.275	.0 .0	1485.0 1485.1 1485.4	16082.9 16439.9 16799.3	3.9 2.5 1.6
1460.0 1480.0	1446.7 1466.4	2.892 2.856	2.789 2.751	34.553 34.556	27.547 27.553	34.276 34.374	27.538 27.544	63.1 62.5	18.402 18.528	.0	1485.6 1485.7	17161.3 17525.7	1.3
1500.0 1520.0 1540.0	1486.1 1505.9 1525.6	2.823 2.780 2.742	2.717 2.673 2.634	34.559 34.562 34.565	27.559 27.565 27.571	34.472 34.570 34.668	27.549 27.556 27.561	62.1 61.4 60.9	18.652 18.776 18.898	.0 .0	1485.9 1486.1 1486.3	17892.5 18261.8 18633.4	5.7 1.9 4.3
1560.0 1580.0	1545.3 1565.0	2.711 2.684	2.602 2.573	34.567 34.569	27.575 27.579	34.764 34.860	27.565 27.569	60.5 60.2	19.020 19.140	.0	1486.5 1486.7	19007.4 19383.8	4 5.2
1600.0 1620.0	1584.8 1604.5	2.656 2.629	2.544	34.572 34.574	27.584 27.587	34.956 35.052	27.574 27.578	59.7 59.4	19.260 19.379	.0	1486.9 1487.1	19762.5 20143.5	3.7 3.5
1640.0 1660.0 1680.0	1624.2 1643.9 1663.6	2.592 2.570 2.541	2.477 2.454 2.423	34.577 34.579 34.581	27.593 27.597 27.601	35.150 35.245 35.341	27.584 27.587 27.591	58.8 58.5 58.1	19.497 19.615 19.732	.0 .0	1487.3 1487.5 1487.7	20526.8 20912.4 21300.3	3.2 -1.2 2.0
1700.0 1720.0	1683.3 1703.1	2.510 2.480	2.391	34.584 34.587	27.606 27.612	35.438 35.535	27.596 27.601	57.6 57.1	19.847 19.962	.0	1487.9 1488.1	21690.4 22082.8	1.2
1740.0 1760.0 1780.0	1722.8 1742.5 1762.2	2.446 2.425 2.386	2.325 2.302 2.262	34.589 34.591 34.594	27.616 27.620 27.625	35.632 35.726 35.824	27.606 27.609 27.615	56.7 56.4 55.8	20.076 20.189 20.301	.0 .0	1488.3 1488.6 1488.8	22477.4 22874.1 23273.1	3.0 3.8 6.2
1800.0 1820.0	1781.9 1801.6	2.348 2.335	2.223	34.597 34.599	27.631 27.634	35.922 36.015	27.621 27.623	55.2 55.0	20.412 20.522	.0	1488.9 1489.2	23674.2 24077.5	2.1
1840.0 1860.0 1880.0	1821.3 1841.0 1860.7	2.319 2.302 2.279	2.191 2.172 2.148	34.600 34.602 34.603	27.636 27.639 27.642	36.109 36.203 36.297	27.625 27.628 27.631	54.8 54.6 54.3	20.632 20.742 20.851	.0	1489.5 1489.7 1490.0	24482.8 24890.3	5 3.0
1900.0 1920.0	1880.4 1900.1	2.249 2.227	2.117 2.094	34.606 34.608	27.647 27.650	36.394 36.488	27.636 27.639	53.8 53.5	20.959 21.066	.0 .0	1490.0 1490.2 1490.4	25300.0 25711.7 26125.5	.1 1.9 2.5
1940.0 1960.0 1980.0	1919.8 1939.5 1959.2	2.206 2.185 2.161	2.071 2.049 2.024	34.610 34.612 34.614	27.653 27.657 27.661	36.583 36.678 36.773	27.642 27.646 27.650	53.2 52.9 52.5	21.173 21.279 21.384	.0	1490.7 1490.9 1491.1	26541.3 26959.3 27379.2	.2 3.4 2.5
2000.0 2050.0 2096.0	1978.8 2028.0 2073.3	2.137 2.095 2.064	1.998 1.953 1.918	34.616 34.621 34.623	27.664 27.671 27.676	36.867 37.102 37.316	27.653 27.660 27.665	52.2 51.6 51.2	21.489 21.748 21.985	.0	1491.4 1492.0 1492.7	27801.2 28865.0 29854.6	1.7 2.0 .0
													• •

Station 1	17	Latitude	31' 39.)1'N	Longitu	ide 127°	10.10'W	08	May 1991	GMT 19	:12		4310 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma -0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.9 39.9 49.8 59.8 69.7 79.7	15.691 15.697 15.229 15.170 14.877 14.457 14.321 14.199 14.194 14.048	15.691 15.695 15.226 15.165 14.871 14.450 14.313 14.189 14.183 14.035	33.148 33.177 33.174 33.169 33.168 33.161 33.151 33.153 33.177 33.188	24.394 24.415 24.516 24.525 24.588 24.673 24.694 24.707 24.741 24.781	24.394 24.459 24.604 24.658 24.765 24.894 24.960 25.017 25.096 25.179	24.394 24.415 24.515 24.524 24.587 24.671 24.692 24.705 24.739 24.778	352.5 350.8 341.5 340.9 335.2 327.3 325.6 324.6 321.7 318.2	.000 .352 .700 1.041 1.380 1.710 2.037 2.362 2.686 3.006	0000000000	1507.3 1507.5 1506.2 1506.2 1505.4 1503.9 1503.7 1503.9 1503.6	.0 1.8 7.0 15.7 27.7 43.1 61.8 83.7 108.9	3.2 76.9 10.4 206.8 15.6 19.3 36.0
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.2	13.270 13.731 12.813 11.928 11.774 11.085 10.181 9.889 9.608 9.507	13.256 13.716 12.797 11.911 11.756 11.067 10.163 9.869 9.589 9.486	33.135 33.389 33.402 33.334 33.486 33.475 33.449 33.481 33.552 33.569	24.898 25.001 25.196 25.313 25.459 25.577 25.713 25.788 25.890 25.920	25.342 25.489 25.730 25.894 26.085 26.250 26.434 26.555 26.703 26.778	24.895 24.998 25.192 25.309 25.456 25.574 25.710 25.785 25.887 25.917	307.2 297.7 279.3 268.3 254.5 243.4 230.4 223.4 213.9 211.2	3.318 3.621 3.909 4.183 4.442 4.692 4.692 5.156 5.375 5.587	0000000000	1501.1 1503.1 1500.2 1497.2 1497.1 1494.8 1491.7 1490.8 1490.0 1489.8	168.7 203.2 240.7 281.0 323.9 369.4 417.2 467.4 519.8 574.3	51.7 88.1 184.6 211.9 74.6 138.9 106.2 101.8 118.4 35.2
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.142 9.043 8.872 8.780 8.705 8.564 8.379 8.215 8.065 7.885	9.120 9.021 8.849 8.756 8.680 8.538 8.353 8.188 8.036 7.856	33.625 33.706 33.778 33.851 33.924 33.953 33.972 33.972 33.989 33.989	26.023 26.102 26.186 26.257 26.326 26.371 26.414 26.452 26.483 26.520	26.928 27.053 27.182 27.299 27.413 27.504 27.594 27.677 27.754 27.838	26.019 26.099 26.182 26.254 26.367 26.410 26.478 26.515	201.5 194.1 186.3 179.7 173.4 169.3 165.2 161.8 158.9 155.5	5.793 5.992 6.183 6.366 6.543 6.714 6.881 7.045 7.205 7.363	0000000000	1488.7 1488.6 1488.2 1488.1 1487.8 1487.3 1487.3 1486.8 1486.4	630.8 689.4 749.9 812.3 876.5 942.3 1009.9 1079.0 1149.8 1222.2	41.0 60.1 67.1 41.3 41.9 29.3 57.6 25.4 45.3
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.3 338.2 348.1 358.0 368.0 377.9 387.8	7.667 7.495 7.466 7.317 7.110 6.949 6.906 6.873 6.662 6.537	7.638 7.465 7.435 7.285 7.078 6.917 6.873 6.839 6.628 6.502	34.016 34.000 34.000 34.002 34.021 34.025 34.025 34.042 34.046	26.554 26.556 26.570 26.594 26.626 26.659 26.6699 26.715 26.735	27.920 27.978 28.028 28.098 28.177 28.257 28.312 28.388 28.451 28.518	26.550 26.562 26.566 26.589 26.622 26.654 26.664 26.710 26.730	152.2 151.2 150.9 148.8 145.7 142.7 141.9 139.1 137.6 135.8	7.517 7.668 7.819 7.970 8.117 8.261 8.404 8.545 8.683 8.819	00000000000	1485.2 1484.7 1484.8 1484.4 1483.3 1483.3 1483.3 1483.3 1482.6 1482.3	1296.1 1371.5 1448.4 1526.8 1606.6 1688.0 1770.7 1854.8 1940.3 2027.2	21.2 13.3 -1.4 29.4 29.6 22.0 14.1 35.7 4.1 21.9
400.0 410.0 420.0 430.0 440.0 450.0 460.0 480.0 490.0	397.8 407.7 417.6 427.5 437.5 447.4 457.3 467.2 477.1	6.422 6.478 6.378 6.247 6.189 6.155 6.071 5.981 5.975	6.386 6.441 6.341 6.209 6.150 6.116 6.031 5.941 5.945 5.714	34.049 34.077 34.082 34.084 34.103 34.109 34.117 34.123 34.139 34.138	26.752 26.767 26.784 26.802 26.825 26.834 26.851 26.867 26.890	28.582 28.642 28.706 28.771 28.840 28.894 28.958 29.021 29.021 29.154	26.747 26.762 26.779 26.798 26.820 26.829 26.846 26.862 26.885 26.902	134.2 132.9 131.4 129.7 127.6 126.9 125.3 123.8 121.7 120.1	8.955 9.088 9.220 9.350 9.479 9.607 9.733 9.857 9.857 9.80	0000000000	1482.0 1482.5 1482.5 1481.9 1481.8 1481.9 1481.7 1481.5 1481.5	2115.4 2204.9 2295.8 2387.9 2481.3 2576.0 2672.0 2769.1 2867.5 2967.1	28.1 13.7 20.7 7.3 16.9 10.8 20.1 19.2 18.4 13.6
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.7 546.6 556.5 566.4 576.3	5.669 5.593 5.495 5.458 5.346 5.247 5.247 5.203 5.096	5.627 5.550 5.451 5.415 5.500 5.301 5.201 5.197 5.197 5.049	34.143 34.161 34.162 34.185 34.203 34.200 34.205 34.221 34.221 34.246 34.233	26.922 26.946 26.958 26.981 26.985 27.006 27.021 27.035 27.048 27.062	29.216 29.286 29.346 29.414 29.462 29.532 29.595 29.595 29.712 29.774	26.917 26.940 26.953 26.976 26.979 27.000 27.016 27.030 27.043 27.056	118.7 116.5 115.4 113.3 113.2 111.1 109.6 108.4 107.4	10.220 10.338 10.454 10.569 10.682 10.794 10.905 11.014 11.121	0000000000	1480.8 1480.6 1480.4 1480.5 1481.0 1480.3 1480.3 1480.7 1480.0	3067.9 3169.9 3273.0 3377.2 3482.6 3589.1 3696.7 3805.3 3915.0 4025.8	20.4 12.7 13.9 12.2 3.4 9.8 20.6 13.3 13.0
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0 690.0	596.1 606.0 616.0 625.9 635.8 645.7 655.5 675.4 685.3	5.055 5.067 5.021 4.965 4.987 5.063 4.968 4.996 4.9908 4.871	5.007 5.018 4.971 4.915 4.936 5.010 4.915 4.942 4.854 4.815	34.241 34.261 34.264 34.272 34.291 34.318 34.313 34.329 34.335	27.073 27.087 27.095 27.108 27.121 27.133 27.141 27.152 27.160 27.169	29.832 29.891 29.945 30.005 30.120 30.174 30.231 30.286 30.341	27.068 27.081 27.089 27.102 27.115 27.127 27.135 27.146 27.154 27.163	104.9 103.8 103.1 101.9 100.8 99.9 99.2 98.2 97.5 96.7	11.333 11.438 11.541 11.643 11.745 11.845 11.945 12.043 12.141 12.238	00000000000	1480.0 1480.3 1480.2 1480.2 1480.5 1481.0 1480.7 1480.7 1480.9	4137.7 4250.5 4364.4 4479.3 4595.2 4712.1 4829.9 4948.8 5068.6 5189.4	1.6 19.8 11.3 7.7 15.7 14.5 14.2 13.7 15.4
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 725.0 734.8 744.8 754.7 764.6 774.5 784.4	4.769 4.847 4.786 4.660 4.635 4.538 4.549 4.436 4.499 4.391	4.713 4.790 4.729 4.603 4.577 4.479 4.489 4.376 4.438 4.331	34.331 34.356 34.358 34.352 34.351 34.364 34.357 34.375 34.373	27.177 27.189 27.197 27.206 27.213 27.219 27.229 27.235 27.243 27.253	30.397 30.452 30.508 30.565 30.617 30.671 30.726 30.780 30.832 30.890	27.171 27.182 27.191 27.200 27.206 27.213 27.222 27.228 27.236 27.246	95.9 95.0 94.2 93.2 92.7 92.1 91.3 90.6 90.1 89.0	12.334 12.430 12.524 12.618 12.711 12.803 12.895 12.986 13.076 13.166	0000000000	1480.6 1481.1 1481.0 1480.7 1480.5 1480.7 1480.4 1480.9 1480.6	5311.1 5433.8 5557.4 5681.9 5807.3 5933.7 6060.9 \$189.1 6318.1 6448.1	13.0 14.8 9.3 6.6 12.8 3.4 10.4 2.2 8.4 8.4
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.3 804.2 814.1 824.0 833.9 843.8 853.7 863.6 873.5 883.4	4.367 4.359 4.346 4.342 4.357 4.310 4.259 4.214 4.191 4.169	4.306 4.297 4.284 4.278 4.292 4.245 4.193 4.147 4.124 4.101	34.377 34.381 34.387 34.402 34.411 34.416 34.421 34.421 34.423 34.423	27.258 27.263 27.269 27.281 27.287 27.296 27.306 27.310 27.314 27.320	30.942 30.992 31.044 31.102 31.153 31.208 31.265 31.316 31.367 31.418	27.252 27.256 27.262 27.274 27.280 27.289 27.299 27.303 27.307 27.313	88.6 88.3 87.8 86.7 86.3 854.5 84.1 83.8	13.255 13.343 13.431 13.518 13.605 13.691 13.776 13.860 13.944 14.027	0000000000	1480.6 1480.8 1480.9 1481.1 1481.3 1481.2 1481.2 1481.2 1481.3	6578.9 6710.5 6843.1 6976.5 7110.8 7245.9 7381.8 7518.6 7656.2 7794.6	4.3 7.2 11.9 7.8 6.9 4.3 5.8 7.5 2.0
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0 990.0	893.3 903.2 913.0 923.0 932.8 942.7 952.6 962.5 972.4 982.3	4.166 4.129 4.099 4.077 4.029 3.996 3.968 3.950 3.931 3.920	4.097 4.060 4.029 4.007 3.958 3.924 3.896 3.877 3.858 3.845	34.433 34.437 34.440 34.448 34.451 34.453 34.455 34.459 34.467	27.325 27.332 27.338 27.344 27.351 27.358 27.362 27.366 27.371 27.378	31.469 31.522 31.574 31.626 31.680 31.733 31.784 31.833 31.884 31.938	27.318 27.325 27.330 27.336 27.344 27.350 27.355 27.358 27.363 27.370	82.9 82.3 81.8 81.3 80.6 80.0 79.6 79.3 78.9 78.3	14.111 14.193 14.275 14.357 14.438 14.518 14.598 14.677 14.756 14.835	0000000000	1481.5 1481.6 1481.7 1481.6 1481.7 1481.7 1481.8 1481.9 1482.0	7933.8 8073.8 8214.7 8356.4 8498.8 8642.1 8786.1 8930.9 9076.5 9222.8	7.5 2.8 4.6 7.2 14.0 7.5 2.6 5.8 8.4 10.2

Station 1	117	Latitude	31° 39.	91'N	Longitu	de 127°	10.10'W	08	May 1991	GMT 19	:12	Bottom	4310 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t		Dyn.Ht	LTR	sv		N ²
db	m	·c	·c	0/00	kg/m ³	kg/m ³	kg/m ³	108m3/kg		0/0	m/s	TF m ³ /s ²	10 ⁶ /s ²
1000.0	992.2	3.873	3.798	34.467	27.383	31.990	27.375	-	•				
1020.0	1012.0	3.839	3.763	34.477	27.395	32.093	27.387	77.8 76.8	14.913 15.068	.0	1482.0 1482.2	9370.0 9666.5	4.0 5.8
1040.0	1031.8	3.797	3.720	34.483	27.403	32.194	27.396	76.0	15.221	.ŏ	1482.3	9966.0	7.9
1060.0	1051.5	3.746	3.668	34.486	27.411	32,294	27.403	75.3	15.372	.ŏ	1482.5	10268.5	9.1
1080.0 1100.0	1071.3	3.684	3.605	34.493	27.423	32.398	27.415	74.3	15.522	.0	1482.5	10574.0	7.6
1120.0	1091.1 1110.8	3.643 3.601	3.562	34.498	27.431	32.499	27.423	73.6	15.669	.0	1482.7	10882.4	5.6
1140.0	1130.6	3.555	3.518 3.471	34.501 34.506	27.438	32.598	27.429	73.0	15.816	.0	1482.9	11193.6	5.3
1160.0	1150.4	3.492	3.407	34.509	27.446 27.455	32.699 32.800	27.438	72.3	15.961	.0	1483.0	11507.7	4.7
1180.0	1170.2	3.435	3.350	34.514	27.465	32.903	27.447 27.456	71.4 70.5	16.105 16.246	.0	1483.1 1483.2	11824.6	7.0
1000 0							27.336	70.5	10.240	.0	1403.2	12144.4	7.0
1200.0 1220.0	1189.9	3.386	3.299	34.519	27.474	33.004	27.465	69.7	16.387	.0	1483.3	12466.8	3.8
1240.0	1209.7 1229.4	3.336 3.304	3.248	34.523	27.482	33.105	27.473	69.0	16.525	.0	1483.4	12792.0	5.6
1260.0	1249.2	3.267	3.215 3.176	34.526 34.528	27.487	33.202	27.478	68.6	16.663	.0	1483.6	13119.9	2.7
1280.0	1268.9	3.219	3.127	34.533	27.492 27.500	33.300 33.400	27.484 27.492	68.1 67.3	16.799	.0	1483.8	13450.4	2
1300.0	1288.7	3.158	3.065	34.532	27.506	33.499	27.497	66.8	16.935 17.069	.o .o	1483.9 1484.0	13783.7 14119.5	6.2
1320.0	1308.4	3.112	3.017	34.536	27.513	33.599	27.505	66.0	17.202	.0	1484.1	14457.9	4.5 -1.7
1340.0	1328.2	3.082	2.986	34.539	27.519	33.696	27.510	65.6	17.333	.ŏ	1484.4	14799.0	1.3
1360.0	1347.9	3.041	2.944	34.542	27.524	33.794	27.516	65.1	17.464	.ŏ	1484.5	15142.5	3.6
1380.0	1367.7	3.014	2.916	34.544	27.529	33,890	27.520	64.7	17.594	.0	1484.7	15488.6	3.3
1400.0	1387.4	2.977	2.877	34.548	27.535	33.989	27.527	64.1	17.722	.0	1484.9	15837.3	-1.4
1420.0	1407.2	2.936	2.835	34.551	27.542	34.087	27.532	63.5	17.850	.ŏ	1485.1	16188.4	1.0
1440.0	1426.9	2.897	2.796	34.554	27.547	34.185	27.538	63.0	17.977	.ŏ	1485.2	16542.0	4.2
1460.0	1446.7	2.866	2.763	34.555	27.552	34.281	27.542	62.6	18.103	.0	1485.4	16898.1	2.5
1480.0	1466.4	2.834	2.730	34.558	27.556	34.378	27.547	62.2	18.227	.0	1485.6	17256.5	1
1500.0 1520.0	1486.1 1505.9	2.797 2.769	2.691	34.560	27.562	34.476	27.552	61.7	18.351	.0	1485.8	17617.5	5.1
1540.0	1525.6	2.745	2.662 2.637	34.563 34.564	27.567 27.570	34.572	27.557	61.3	18.474	.0	1486.0	17980.8	1.4
1560.0	1545.3	2.704	2.595	34.568	27.577	34.667 34.766	27.560	61.0	18.596	٠٥.	1486.3	18346.4	5.5
1580.0	1565.0	2.688	2.577	34.570	27.580	34.860	27.567 27.570	60.3 60.1	18.717 18.837	.0	1486.4 1486.7	18714.5	1.1
1600.0											1400.7	19084.9	1.1
1600.0 1620.0	1584.8 1604.5	2.669 2.640	2.557	34.571	27.582	34.954	27.572	60.0	18.958	.0	1486.9	19457.6	2.0
1640.0	1624.2	2.605	2.527 2.491	34.573 34.577	27.586 27.592	35.050	27.576	59.6	19.077	.0	1487.2	19832.7	3.8
1660.0	1643.9	2.570	2.454	34.580	27.592	35.148 35.246	27.582 27.588	59.0	19.195	.0	1487.3	20210.0	3.8
1680.0	1663.6	2.533	2.416	34.582	27.603	35.343	27.593	58.4 57.9	19.313 19.429	٠.	1487.5 1487.7	20589.7	4.7
1700.0	1683.3	2.501	2.383	34.585	27.608	35,440	27.598	57.4	19.544	.0	1487.9	20971.6 21355.8	3.5
1720.0	1703.1	2.474	2.354	34.587	27,612	35.535	27.602	57.1	19.659	.ŏ	1488.1	21742.2	4.7 2.9
1740.0	1722.8	2.443	2.322	34.590	27.617	35.632	27.607	56.6	19.773	.ŏ	1488.3	22130.8	4.1
1760.0	1742.5	2.415	2.293	34.593	27.622	35.729	27.611	56.2	19.885	.ŏ	1488.5	22521.6	4.4
1780.0	1762.2	2.391	2.267	34.595	27.625	35.824	27.615	55.8	19.998	.0	1488.8	22914.5	4.4
1800.0	1781.9	2.366	2.241	34.597	27,629	35.919	27.619	55.5	20.109	.0	1489.0	23309.7	2.4
1820.0	1801.6	2.352	2.226	34.597	27.631	36.012	27.620	55.4	20.220	.ŏ	1489.3	23707.0	2.1
1840.0	1821.3	2.325	2.197	34.600	27.635	36.108	27.625	54.9	20.330	.ŏ	1489.5	24106.4	2.4
1860.0 1880.0	1841.0	2.309	2.180	34.601	27.638	36.201	27.627	54.8	20.440	.0	1489.8	24508.0	1.9
1900.0	1860.7 1880.4	2.279 2.252	2.148 2.120	34.603	27.642	36.298	27.632	54.3	20.549	.0	1490.0	24911.7	2.2
1920.0	1900.1	2.232	2.120	34.606 34.609	27.646 27.650	36.393 36.488	27.636	53.9	20.657	.0	1490.2	25317.4	3.6
1940.0	1919.8	2.211	2.076	34.610	27.653	36.583	27.639 27.642	53.5 53.3	20.764 20.871	.0	1490.4	25725.3	5.1
1960.0	1939.5	2.189	2.053	34.612	27.657	36.677	27.642	52.9	20.871	.0	1490.7 1490.9	26135.2 26547.2	1.3
1980.0	1959.2	2.164	2.027	34.615	27.661	36.773	27.650	52.5	21.083	ŏ	1490.9	26961.2	4.3 3.1
2000.0	1978.8	2.143	2.004	34.616	27.664	36.867							
2050.0	2028.0	2.079	1.937	34.622	27.674	37.106	27.653 27.663	52.2 51.2	21.188 21.446	.0	1491.4 1492.0	27377.3 28426.2	1.4
2096.0	2073.3	2.034	1.889	34.626	27.681	37.321	27.669	50.6	21.680	.6	1492.6	29402.2	2.3
								-					

Station 1	118	Latitude	31. 34.	54'N	Longitu	ıde 126°	54.64'W	08	May 1991	GMT 22	:00	Bottom	4460 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	-	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 80.0 90.0	.0 10.0 19.9 29.9 39.9 49.8 59.8 69.7 79.7	15.670 15.665 15.050 14.943 14.908 14.578 14.217 14.247 13.910 13.762	15.670 15.663 15.047 14.939 14.903 14.570 14.208 14.237 13.899 13.749	33.198 33.178 33.202 33.195 33.194 33.180 33.184 33.150 33.134	24.437 24.423 24.576 24.594 24.662 24.715 24.736 24.779 24.797	24.437 24.467 24.665 24.727 24.778 24.883 24.980 25.134 25.197	24.437 24.422 24.576 24.594 24.600 24.660 24.713 24.777 24.795	348.4 350.0 335.7 334.3 333.9 328.4 323.7 322.0 318.0 316.6	.000 .349 .694 1.028 1.362 1.694 2.019 2.342 2.662 2.979	0000000000	1507.3 1507.4 1505.7 1505.5 1505.5 1504.6 1503.6 1503.9 1502.9	.0 1.7 6.9 15.5 27.4 42.7 61.2 82.9 107.8 135.9	.0 55.3 173.2 4.8 8.6 64.2 34.6 36.6 41.8 17.8
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.2	13.687 13.553 13.390 12.059 11.064 10.522 9.721 9.547 9.483 9.309	13.673 13.537 13.374 12.043 11.047 10.505 9.704 9.529 9.463 9.288	33.146 33.156 33.151 33.115 33.1140 33.263 33.418 33.518 33.611	24.822 24.858 24.886 25.118 25.297 25.645 25.645 25.795 25.7884 25.985	25.266 25.420 25.699 25.926 26.090 26.368 26.697 26.844	24.819 24.855 24.883 25.115 25.294 25.642 25.642 25.881 25.982	314.5 311.3 308.8 286.8 269.7 258.6 236.7 222.6 214.4 204.9	3.295 3.608 3.918 4.219 4.498 4.761 5.010 5.241 5.461 5.672	00000000000	1502.5 1502.2 1501.8 1497.4 1494.1 1492.3 1489.7 1489.5 1489.5	167.1 201.5 239.0 279.5 322.9 369.0 417.6 468.6 521.8 577.1	34.2 38.3 40.9 283.7 110.1 140.2 279.1 174.6 95.8 194.5
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.1 219.0 228.9 238.9 248.8 258.7 268.7 278.6 288.5	9.136 9.045 8.919 8.792 8.634 8.476 8.295 8.126 7.893 7.804	9.114 9.022 8.896 8.767 8.609 8.450 8.459 8.099 7.865 7.775	33.700 33.726 33.839 33.888 33.935 33.965 33.990 34.003 34.011 34.012	26.083 26.117 26.226 26.284 26.346 26.394 26.440 26.477 26.517 26.531	26.987 27.067 27.222 27.326 27.434 27.527 27.620 27.703 27.790 27.850	26.079 26.114 26.222 26.281 26.342 26.349 26.436 26.473 26.513 26.527	195.8 192.7 182.6 177.2 171.5 167.0 162.7 159.4 155.5 154.4	5.872 6.066 6.253 6.433 6.607 6.776 6.940 7.101 7.259 7.413	0000000000	1488.8 1488.6 1488.5 1488.2 1487.5 1487.5 1487.0 1486.5 1485.8	634.5 693.9 755.1 818.1 882.9 949.4 1017.6 1087.3 1158.6 1231.5	100.2 35.8 44.5 60.3 83.7 36.9 41.2 9.9 43.8 8.9
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0 390.0	298.5 308.4 318.3 328.3 338.2 348.1 358.1 358.1 358.0 377.9 387.8	7.687 7.540 7.347 7.193 6.966 6.898 6.889 6.777 6.663 6.570	7.657 7.510 7.316 7.161 6.935 6.866 6.855 6.743 6.629 6.535	34.012 34.023 34.025 34.026 34.036 34.062 34.064 34.074 34.082	26.549 26.578 26.607 26.630 26.660 26.678 26.700 26.716 26.740 26.758	27.913 27.990 28.066 28.135 28.212 28.276 28.343 28.407 28.476 28.542	26.544 26.574 26.603 26.625 26.656 26.674 26.695 26.712 26.735 26.754	152.8 150.1 147.3 145.3 142.4 140.8 138.9 137.4 135.3 133.6	7.567 7.719 7.868 8.014 8.158 8.299 8.439 8.439 8.714 8.714	0000000000	1485.3 1484.9 1484.3 1483.9 1483.1 1483.1 1483.0 1482.7 1482.5	1305.9 1381.8 1459.2 1538.1 1618.4 1700.0 1783.1 1867.6 1953.4 2040.6	24.1 30.6 17.1 28.7 20.8 24.3 14.7 23.1 7.6 13.4
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0	397.8 407.7 417.6 427.5 437.5 447.4 457.3 467.2 477.1 487.1	6.490 6.463 6.408 6.339 6.247 6.120 6.024 5.936 5.727	6.454 6.426 6.371 6.301 6.209 6.081 5.984 5.776 5.686	34.088 34.103 34.106 34.112 34.116 34.119 34.124 34.125 34.126 34.135	26.774 26.789 26.799 26.813 26.827 26.847 26.863 26.874 26.890 26.908	28.603 28.664 28.720 28.780 28.841 28.908 28.970 29.028 29.091 29.156	26.769 26.784 26.794 26.808 26.822 26.842 26.858 26.858 26.885 26.903	132.2 130.9 130.0 128.8 127.5 125.6 124.2 123.1 121.7	8.981 9.112 9.243 9.372 9.500 9.627 9.752 9.876 9.898 10.119	00000000000	1482.4 1482.4 1482.3 1482.1 1481.7 1481.5 1481.3 1481.0 1480.8	2129.1 2218.8 2309.9 2405.9 2590.8 2687.0 2784.3 2882.9 2982.7	13.4 23.1 5.8 27.8 5.2 7.0 12.5 8.7 29.5
500.0 510.0 520.0 540.0 550.0 560.0 570.0 580.0	497.0 506.9 516.8 526.7 536.7 546.6 556.5 566.4 576.3 586.2	5.695 5.663 5.641 5.634 5.578 5.533 5.449 5.351	5.653 5.598 5.599 5.589 5.533 5.487 5.446 5.401 5.352 5.302	34.140 34.149 34.168 34.185 34.192 34.202 34.212 34.222 34.229 34.237	26.917 26.927 26.945 26.960 26.972 26.985 26.999 27.011 27.023 27.035	29.210 29.267 29.330 29.391 29.450 29.509 29.569 29.627 29.685 29.744	26.911 26.922 26.940 26.954 26.967 26.980 26.993 27.006 27.017 27.029	119.3 118.4 116.8 115.5 114.4 113.2 112.1 110.9 109.9 108.8	10.239 10.357 10.475 10.591 10.706 10.820 10.932 11.044 11.154 11.263	0000000000	1480.9 1481.0 1481.2 1481.1 1481.1 1481.1 1481.1 1481.1	3083.7 3185.8 3289.1 3393.6 3499.2 3605.9 3713.7 3822.7 4043.8	11.0 26.8 12.8 14.2 16.0 31.8 5.2 11.3 8.4 13.1
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0 690.0	596.1 606.0 616.0 625.9 635.8 645.7 655.6 665.5 675.4 685.3	5.310 5.297 5.236 5.183 5.139 5.067 5.036 5.000 4.987 4.951	5.261 5.247 5.185 5.131 5.087 5.014 4.982 4.946 4.932 4.896	34.250 34.262 34.269 34.277 34.282 34.292 34.300 34.307 34.315 34.321	27.051 27.061 27.074 27.087 27.096 27.113 27.122 27:132 27.140 27.149	29.805 29.862 29.921 29.980 30.036 30.099 30.155 30.211 30.265 30.320	27.045 27.055 27.068 27.081 27.090 27.107 27.116 27.126 27.134 27.143	107.4 106.5 105.4 104.2 103.4 101.8 101.0 100.2 99.5 98.7	11.372 11.478 11.584 11.689 11.793 11.895 11.997 12.097 12.197 12.296	0000000000	1481.1 1481.2 1481.1 1481.1 1481.0 1481.0 1481.0 1481.0 1481.2	4156.0 4269.3 4383.6 4498.9 4615.3 4732.7 4851.0 4970.4 5090.8 5212.1	18.9 11.3 16.9 11.9 17.8 12.5 6.6 6.0 17.5
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.2 715.0 725.0 734.8 754.7 764.6 774.5 784.4	4.915 4.861 4.835 4.819 4.768 4.711 4.661 4.633 4.620 4.586	4.859 4.804 4.778 4.760 4.709 4.652 4.601 4.572 4.559 4.524	34.327 34.334 34.339 34.349 34.350 34.353 34.359 34.367 34.375	27.158 27.170 27.177 27.182 27.192 27.199 27.208 27.216 27.223 27.233	30.375 30.433 30.486 30.537 30.594 30.648 30.703 30.757 30.810 30.867	27.151 27.163 27.170 27.175 27.186 27.193 27.201 27.209 27.216 27.227	97.9 96.8 96.2 95.8 94.9 94.2 93.5 92.8 92.2 91.2	12.395 12.492 12.588 12.684 12.780 12.874 12.968 13.061 13.154 13.245	0000000000	1481.2 1481.2 1481.3 1481.3 1481.3 1481.2 1481.2 1481.2 1481.4	5334.4 5457.7 5581.9 5707.1 5833.2 5960.3 6088.3 6217.2 6347.0 6477.7	11.0 18.3 1.7 8.1 6.3 9.0 4.3 12.8 10.2 2.0
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.3 804.2 814.1 824.0 833.9 843.8 853.7 863.6 873.5 883.4	4.574 4.518 4.499 4.446 4.383 4.372 4.367 4.326 4.283	4.511 4.455 4.435 4.398 4.381 4.317 4.305 4.300 4.258 4.214	34.376 34.384 34.392 34.399 34.404 34.413 34.416 34.417 34.423 34.426	27.236 27.248 27.256 27.266 27.272 27.286 27.289 27.291 27.300 27.307	30.915 30.974 31.028 31.084 31.136 31.197 31.246 31.293 31.349 31.403	27.229 27.241 27.249 27.259 27.265 27.279 27.282 27.284 27.293 27.300	91.1 89.9 89.3 88.4 87.9 86.6 86.3 86.3	13.337 13.427 13.517 13.606 13.694 13.781 13.868 13.954 14.040 14.125	0000000000	1481.5 1481.4 1481.5 1481.6 1481.7 1481.6 1481.7 1481.9 1481.9	6609.3 6741.8 6875.2 7009.5 7144.6 7280.6 7417.4 7555.1 7693.7 7833.0	2.8 6.1 3.7 13.1 17.5 6.9 3.1 8.4 9.9
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.3 903.2 913.1 923.0 932.9 942.8 952.7 962.5 972.4 982.3	4.257 4.210 4.188 4.149 4.111 4.103 4.094 4.039 3.988 3.967	4.188 4.141 4.117 4.078 4.040 4.031 4.021 3.966 3.914 3.892	34.433 34.442 34.448 34.452 34.452 34.450 34.464	27.314 27.321 27.329 27.334 27.343 27.347 27.348 27.360 27.366 27.371	31.456 31.509 31.563 31.615 31.720 31.767 31.825 31.878 31.929	27.307 27.313 27.321 27.327 27.335 27.340 27.341 27.352 27.358 27.363	84.1 83.5 82.9 82.3 81.5 81.2 81.2 80.1 79.0	14.209 14.293 14.376 14.459 14.541 14.622 14.703 14.784 14.864	0000000000	1481.9 1481.9 1482.0 1482.0 1482.1 1482.2 1482.2 1482.1 1482.2	7973.2 8114.3 8256.1 8398.8 8542.3 8686.5 8831.6 8977.5 9124.1 9271.5	8.1 5.5 4.0 6.4 5.2 2.3 14.3 6.1 8.2 5.8

Station 1	.18	Latitude	31° 34.	54'N	Longitu	ide 126°	54.64'W	08	May 1991	GMT 22	:00	Bottom	4460 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn. Ht	LTR	sv	TF	N ²
dЬ	m	·c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	J/kg	0/0	m/s	m ³ /s ²	10 ⁶ /s ²
1000.0 1020.0	992.2	3.947	3.872	34.466	27.375	31.979	27.367	78.7	15.022	.0	1482.3	9419.7	9.0
1040.0	1012.0 1031.8	3.893 3.818	3.816 3.740	34.472 34.479	27.385	32.082	27.377	77.8	15.178	.0	1482.4	9718.4	2.0
1060.0	1051.6	3.766	3.687	34.479	27.399 27.407	32.189 32.290	27.391 27.400	76.5 75.7	15.333 15.485	۰,	1482.4 1482.6	10020.2 10324.9	15.8
1080.0	1071.3	3.726	3.646	34.488	27.415	32.390	27.407	75.1	15.636	.0	1482.7	10632.6	3.5 11.4
1100.0 1120.0	1091.1 1110.9	3.673 3.637	3.592	34.491	27.423	32.490	27.415	74.4	15.785	.0	1482.8	10943.3	1.7
1140.0	1130.6	3.565	3.554 3.481	34.495 34.503	27.429 27.443	32.589 32.695	27.421 27.435	73.9	15.933	.0	1483.0	11256.9	.3
1160.0	1150.4	3,513	3.428	34.505	27.450	32.795	27.433	72.6 71.9	16.080 16.224	.0	1483.0 1483.2	11573.3 11892.6	4.4 7.3
1180.0	1170,2	3.470	3,384	34.510	27.458	32.895	27.450	71.2	16.367	.ŏ	1483.3	12214.7	3.2
1200.0 1220.0	1189.9 1209.7	3.439	3.352	34.512	27.463	32.992	27.455	70.8	16.509	.0	1483.5	12539.5	3.5
1240.0	1229.5	3.388 3.335	3.300 3.245	34.517 34.522	27.472 27.481	33.093	27.463	70.0	16.650	.0	1483.6	12867.2	3.0
1260.0	1249.2	3.294	3.203	34.525	27.487	33.195 33.294	27.472 27.479	69.2 68.6	16.789 16.927	.0	1483.8 1483.9	13197.5 13530.6	8.5 6.2
1280.0	1269.0	3.258	3.166	34.527	27.493	33.391	27.484	68.1	17.063	:ŏ	1484.1	13866.3	3.6
1300.0 1320.0	1288.7	3.206	3.112	34.531	27.501	33.492	27.492	67.4	17.199	.0	1484.2	14204.7	2.7
1340.0	1308.5 1328.2	3.168 3.115	3.073 3.020	34.535 34.538	27.507 27.515	33.590	27.498	66.8	17.333	.0	1484.4	14545.8	2.4
1360.0	1348.0	3.068	2.971	34.542	27.522	33.690 33.791	27.506 27.513	66.1 65.4	17.466 17.597	.0 .0	1484.5 1484.6	14889.4	5.1
1380.0	1367.7	3.026	2.927	34.545	27.528	33.889	27.519	64.8	17.728	:ŏ	1484.8	15235.6 15584.3	8.0 2.5
1400.0	1387.5	3.001	2.901	34.548	27.533	33.986	27.524	64.4	17.857	.0	1485.0	15935.6	4.8
1420.0 1440.0	1407.2 1426.9	2.974	2.873	34.548	27.536	34.080	27.527	64.2	17.985	.0	1485.2	16289.4	1.3
1460.0	1446.7	2.931 2.903	2.829 2.799	34.551 34.554	27.542 27.547	34.179	27.533	63.6	18.113	.0	1485.4	16645.7	5.1
1480.0	1466.4	2.853	2.748	34.556	27.553	34.275 34.374	27.538 27.544	63.2 62.6	18.240 18.366	٠,	1485.6 1485.7	17004.5	4.8
1500.0	1486.2	2.819	2.713	34.558	27.558	34.471	27.549	62.1	18.491	.0	1485.9	17365.7 17729.4	3.7 5.7
1520.0 1540.0	1505.9 1525.6	2.800 2.770	2.693	34.560	27.561	34.566	27.552	61.9	18.615	.0	1486.2	18095.4	3.1
1560.0	1545.3	2.747	2.662 2.637	34.563 34.564	27.566 27.570	34.662 34.757	27.557	61.4	18.737	.0	1486.4	18463.9	5.5
1580.0	1565.1	2.705	2.594	34.568	27.576	34.856	27.560 27.567	61.1 60.5	18.860 18.982	.0	1486.6 1486.8	18834.8 19208.0	2.0 2.6
1600.0	1584.8	2.671	2.558	34.571	27.582	34.954	27.573	59.9	19.102	.0	1486.9		
1620.0	1604.5	2.626	2.513	34.576	27.590	35.054	27.580	59.2	19.221	.0	1486.9	19583.6 19961.5	7.0 5.2
1640.0	1624.2	2.588	2.473	34.578	27.595	35.152	27.585	58.6	19.339	.0	1487.3	20341.7	3.2
1660.0 1680.0	1643.9 1663.7	2.555 2.526	2.440 2.409	34.581 34.583	27.600 27.604	35.249	27.590	58.2	19.455	٠.٥	1487.5	20724.1	1.4
1700.0	1683.4	2.497	2.379	34.585	27.608	35.345 35.440	27.594 27.598	57.8 57.4	19.572 19.687	٠,	1487.7	21108.9	3.2
1720.0	1703.1	2.456	2.336	34.588	27.614	35.539	27.604	56.8	19.801	.0 .0	1487.9 1488.0	21495.9 21885.1	3.8 1.5
1740.0 1760.0	1722.8 1742.5	2.429	2.308	34.591	27.619	35.635	27.609	56.4	19.914	.0	1488.3	22276.5	2.9
1780.0	1762.2	2.399 2.381	2.277 2.257	34.594 34.595	27.624 27.627	35.732 35.826	27.614	55.9	20.026	.0	1488.5	22670.0	.3
1800.0	1781.9	2.354	2.229	34.597			27.617	55.6	20.138	.0	1488.7	23065.8	-1.4
1820.0	1801.6	2.325	2.199	34.599	27.630 27.635	35.921 36.017	27.620 27.624	55.3 54.9	20.249 20.359	٠٥.	1489.0 1489.2	23463.7	1.2
1840.0	1821.3	2.308	2.180	34.602	27.638	36.111	27.627	54.6	20.468	.0	1489.2	23863.8 24265.9	3.3 1.3
	1841.0 1860.7	2.280	2.151	34.603	27.641	36.206	27.631	54.3	20.577	.0	1489.6	24670.2	1.9
	1880.4	2.261 2.234	2.130 2.103	34.605 34.608	27.645 27.649	36.301 36.397	27.634	54.0	20.685	.0	1489.9	25076.6	.1
1920.0	1900.1	2.214	2.081	34.610	27.653	36.492	27.639 27.642	53.5 53.2	20.793	.0	1490.1 1490.4	25485.0 25895.6	5 2.5
	1919.8	2.188	2.053	34.612	27.656	36.587	27.646	52.9	21.006	:ŏ	1490.6	26308.2	1.9
	1939.5 1959.2	2.169 2.160	2.033 2.023	34.613 34.614	27.659	36.681	27.648	52.6	21.111	.0	1490.8	26722.8	.2
					27.661	36.773	27.650	52.5	21.216	.0	1491.1	27139.5	2.8
	1978.9 2028.1	2.142 2.105	2.003 1.963	34.617 34.620	27.664 27.670	36.867 37.100	27.653	52.2	21.321	.0	1491.4	27558.2	5.5
	2071.4	2.067	1.921	34.624	27.677	37.307	27.659 27.665	51.7 51.1	21.581 21.807	.0	1492.1 1492.7	28613.7 29552.9	2.0
					-						-774.1	C333C.3	.0

Station 1	19	Latitude	31. 47.	09'N	Longitu	de 126°	47.53'W	08	May 1991	GMT	:51	Bottom	_
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma -0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
10.0 20.0 30.0 40.0 50.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 59.8 69.7 79.7	15.459 15.445 15.417 15.346 14.962 14.489 14.351 14.148 14.122 14.295	15.459 15.443 15.414 15.342 14.957 14.482 14.342 14.138 14.111 14.282	33.083 33.140 33.146 33.125 33.132 33.164 33.164 33.159 33.236	24.395 24.442 24.459 24.537 24.644 24.692 24.725 24.742 24.766	24.395 24.486 24.542 24.602 24.714 24.865 24.964 25.035 25.096 25.164	24.395 24.442 24.453 24.468 24.536 24.642 24.696 24.723 24.740 24.763	352.4 348.2 347.4 346.2 340.0 330.1 325.2 322.9 321.6 319.7	.000 .350 .698 1.045 1.389 1.726 2.053 2.376 2.698 3.019	00000000000	1506.5 1506.7 1506.7 1505.6 1504.3 1504.3 1503.5 1503.6 1504.4	.0 1.8 7.0 15.7 27.8 43.3 62.1 84.2 109.5	5.8 7 28.0 59.3 136.2 22.3 1.8 19.0 24.1
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2 189.2	13.923 12.629 11.417 10.926 10.224 9.620 9.410 9.189 9.182 9.122	13.909 12.614 11.402 10.910 10.208 9.604 9.393 9.170 9.163 9.101	33.231 33.104 33.080 33.085 33.162 33.276 33.395 33.606 33.717 33.828	24.840 25.209 25.301 25.483 25.672 25.800 26.000 26.088 26.184	25.283 25.490 25.747 25.885 26.114 26.350 26.523 26.769 26.903 27.044	24.837 24.997 25.206 25.298 25.480 25.669 25.797 25.997 26.181	312.8 297.6 277.7 269.1 251.9 233.9 222.0 203.1 194.9 186.0	3.336 3.641 3.927 4.202 4.459 4.702 4.930 5.142 5.341 5.531	00000000000	1503.4 1499.0 1495.0 1493.4 1491.1 1489.2 1488.8 1488.4 1488.7	169.6 204.3 242.5 3825.6 371.2 419.1 469.2 521.3 575.3	82.0 191.8 104.9 226.6 128.7 106.4 202.1 129.7 127.7 63.3
200.0 210.0 220.0 230.0 240.0 250.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.9 248.8 258.7 268.6 278.6 288.5	9.063 8.924 8.846 8.712 8.625 8.529 8.403 8.299 8.205 8.137	9.041 8.901 8.822 8.688 8.600 8.503 8.376 8.272 8.177 8.108	33.875 33.914 33.930 33.967 33.986 34.013 34.022 34.042 34.047 34.066	26.231 26.283 26.309 26.358 26.387 26.423 26.450 26.450 26.500 26.524	27.136 27.234 27.305 27.400 27.474 27.556 27.629 27.706 27.771 27.841	26.228 26.280 26.305 26.355 26.383 26.419 26.446 26.477 26.495 26.520	181.7 176.9 174.7 170.1 167.6 164.3 161.9 157.4 157.4	5.715 5.894 6.070 6.242 6.411 6.577 6.740 6.900 7.059 7.215	00000000000	1488.7 1488.4 1488.3 1488.0 1487.9 1487.7 1487.4 1487.2 1487.0 1487.0	631.2 688.9 748.4 809.6 872.4 937.0 1003.1 1070.9 1140.2 1211.1	28.4 42.2 37.8 51.5 19.6 36.6 39.8 4.9 24.0 24.0
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.5 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	8.002 7.928 7.848 7.744 7.650 7.547 7.470 7.395 7.320 7.286	7.972 7.897 7.816 7.711 7.616 7.513 7.435 7.359 7.283 7.248	34.075 34.097 34.110 34.116 34.131 34.136 34.154 34.162 34.166 34.167	26.551 26.602 26.602 26.622 26.648 26.666 26.692 26.708 26.723 26.729	27.914 27.989 28.057 28.122 28.194 28.259 28.330 28.393 28.453 28.505	26.547 26.575 26.598 26.617 26.643 26.662 26.687 26.704 26.718 26.723	152.8 150.2 148.2 146.5 144.1 142.4 140.1 138.7 137.5	7.369 7.521 7.670 7.817 7.962 8.105 8.246 8.386 8.524 8.661	00000000000	1486.6 1486.5 1486.4 1486.2 1486.0 1485.7 1485.6 1485.5 1485.4	1283.5 1357.5 1432.9 1509.8 1588.1 1667.9 1749.0 1831.6 1915.5 2000.8	43.0 28.0 25.1 20.7 14.2 27.4 24.2 9.8 21.2 18.9
400.0 410.0 420.0 430.0 440.0 450.0 460.0 480.0 490.0	397.7 407.7 417.6 427.5 437.4 447.3 467.2 477.1 487.0	7.182 7.069 6.956 6.893 6.861 6.707 6.588 6.432 6.336 6.181	7.144 7.031 6.917 6.853 6.820 6.666 6.546 6.390 6.293 6.138	34.174 34.181 34.187 34.188 34.190 34.187 34.180 34.171 34.178 34.162	26.749 26.770 26.790 26.800 26.805 26.823 26.834 26.847 26.846 26.873	28.571 28.638 28.705 28.761 28.813 28.878 28.935 28.996 29.061 29.115	26.743 26.764 26.784 26.794 26.800 26.818 26.829 26.842 26.861 26.867	135.2 133.3 131.5 130.6 130.2 128.5 127.5 126.2 124.5 123.8	8.797 8.932 9.064 9.195 9.325 9.454 9.582 9.709 9.835 9.959	000000000000000000000000000000000000000	1485.2 1484.9 1484.6 1484.6 1484.2 1483.8 1483.4 1483.2 1483.7	2087.5 2175.4 2264.7 2355.3 2447.2 2540.4 2634.8 2730.5 2827.5 2925.7	9.8 30.9 3.3 1.3 7.4 7.4 10.3 28.4 31.3
500.0 510.0 520.0 530.0 540.0 550.0 570.0 580.0 590.0	497.0 506.9 516.8 526.7 536.6 546.5 556.4 576.3 586.2	6.100 6.048 6.032 5.957 5.960 5.939 5.870 5.558 5.446	6.056 6.004 5.987 5.911 5.913 5.822 5.822 5.510 5.448 5.397	34.171 34.200 34.211 34.221 34.221 34.224 34.186 34.191 34.198	26.891 26.904 26.922 26.940 26.948 26.951 26.962 26.970 26.982 26.993	29.179 29.239 29.302 29.367 29.421 29.469 29.526 29.585 29.643 29.701	26.885 26.899 26.916 26.935 26.945 26.956 26.956 26.976 26.987	122.2 121.0 119.4 117.8 117.1 117.0 116.1 115.0 113.9 112.9	10.082 10.203 10.323 10.442 10.559 10.677 10.793 10.909 11.023 11.136	00000000000	1482.5 1482.5 1482.5 1482.7 1482.7 1482.7 1481.7 1481.4	3025.1 3125.7 3227.4 3330.4 3434.6 3539.8 3646.3 3753.9 3862.6 3972.5	13.7 31.0 16.7 7.3 5.5 2.3 4.7 6.4 8.4 16.0
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0	596.1 606.0 615.9 625.8 635.8 645.7 655.5 6665.5	5.408 5.366 5.292 5.248 5.225 5.172 5.124 5.110 5.071 5.054	5.358 5.316 5.241 5.196 5.173 5.119 5.070 5.055 5.016 4.998	34.207 34.224 34.236 34.251 34.260 34.273 34.276 34.279 34.287 34.296	27.005 27.024 27.042 27.059 27.069 27.085 27.093 27.097 27.108 27.117	29.758 29.823 29.888 29.951 30.007 30.125 30.125 30.232 30.286	26.999 27.018 27.036 27.053 27.063 27.079 27.087 27.091 27.102 27.111	111.8 110.2 108.5 106.9 106.1 104.6 103.8 103.5 102.6 101.8	11.248 11.360 11.469 11.577 11.683 11.788 11.893 11.996 12.099	00000000000	1481.4 1481.3 1481.3 1481.4 1481.4 1481.4 1481.5 1481.6	4083.4 4195.5 4308.6 4422.8 4534.4 4771.7 4890.1 5019.9	4.9 8.1 13.7 16.0 13.4 13.7 2.2 4.0 4.9
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0	695.2 705.1 715.0 724.9 734.8 744.7 764.6 774.5 784.4	5.005 4.966 4.949 4.887 4.848 4.809 4.778 4.732 4.702 4.651	4.948 4.909 4.891 4.829 4.789 4.718 4.671 4.640 4.589	34.308 34.313 34.319 34.328 34.336 34.343 34.347 34.354 34.360 34.364	27.133 27.141 27.148 27.162 27.173 27.184 27.190 27.201 27.208 27.217	30.348 30.403 30.455 30.516 30.574 30.683 30.683 30.740 30.794 30.850	27.126 27.135 27.141 27.155 27.167 27.177 27.183 27.194 27.201 27.211	100.4 99.7 99.2 97.8 96.8 95.9 95.4 94.4 93.7 92.9	12.303 12.403 12.502 12.601 12.698 12.795 12.890 12.985 13.079 13.172	0000000000	1481.5 1481.6 1481.6 1481.6 1481.6 1481.7 1481.6 1481.7	5251.3 5373.6 5497.0 5621.3 5746.6 5872.9 6000.1 6128.2 6257.3 6387.3	4.6 3.4 13.4 11.3 8.4 15.4 9.3 3.4 14.3
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.3 804.2 814.1 824.0 833.9 843.7 863.6 873.5 883.4	4.594 4.572 4.538 4.520 4.478 4.442 4.442 4.393 4.373 4.362	4.532 4.509 4.474 4.455 4.413 4.376 4.374 4.326 4.305 4.293	34.366 34.374 34.380 34.388 34.392 34.402 34.410 34.414	27.223 27.228 27.238 27.245 27.255 27.263 27.271 27.282 27.288 27.290	30.902 30.953 31.009 31.062 31.119 31.173 31.227 31.284 31.336 31.384	27.216 27.221 27.231 27.238 27.248 27.256 27.264 27.275 27.280 27.283	92.3 91.9 91.1 90.5 89.5 88.2 87.1 86.7 86.5	13.265 13.357 13.448 13.539 13.629 13.719 13.807 13.895 13.981 14.068	00000000000	1481.6 1481.7 1481.8 1481.8 1481.8 1482.0 1482.0 1482.0 1482.0	6518.2 6650.0 6782.7 6916.3 7050.7 7186.1 7322.3 7459.4 7597.4 7736.2	5.8 5.2 7.3 11.1 6.7 10.8 4.6 9.6
900.0 910.0 920.0 930.0 940.0 950.0 970.0 980.0 990.0	893.3 903.2 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.328 4.296 4.268 4.227 4.190 4.180 4.159 4.139 4.114 4.058	4.258 4.226 4.197 4.155 4.118 4.107 4.085 4.065 4.039 3.983	34.425 34.430 34.431 34.432 34.434 34.438 34.443 34.445 34.445	27.302 27.309 27.313 27.318 27.322 27.325 27.330 27.336 27.341 27.348	31.442 31.495 31.545 31.597 31.648 31.696 31.747 31.799 31.850 31.904	27.294 27.301 27.306 27.315 27.317 27.322 27.328 27.333 27.340	85.4 84.8 84.5 84.1 83.6 83.5 83.5 82.5 82.1	14.154 14.239 14.324 14.408 14.492 14.575 14.659 14.742 14.824 14.906	00000000000	1482.2 1482.3 1482.3 1482.3 1482.4 1482.6 1482.6 1482.6	7875.9 8016.3 81577.8 8299.8 8442.8 8586.6 8731.2 8876.9 9022.9	9.9 2.0 9.6 2.5 2.6 2.3 5.5 6.1 11.1

Station 1	.19	Latitude	31. 47.	09'N	Longitu	de 126°	47.53'W	08	May 1991	GMT	:51	Bottom	4310 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn.Ht	LTR	sv	TF	N ²
db	m	•c	°C	0/00	kg/m ³	kg/m ³	kg/m ³	$10^8 \text{m}^3/\text{kg}$		0/0	m/s	m ³ /s ²	10 ⁶ /s ²
1000.0 1020.0	992.2	4.028	3.953	34.451	27.354	31.957	27.346	80.8	14.987	.0	1482.6	9317.8	4.7
1040.0	1012.0 1031.8	3.980 3.929	3.902 3.851	34.465 34.469	27.371 27.379	32.066	27.363	79.3	15.147	.0	1482.8	9615.8	6.4
1060.0	1051.5	3.896	3.816	34.471	27.384	32.166 32.263	27.371 27.376	78.6 78.3	15.305 15.462	.0	1482.9 1483.1	9917.0 10221.2	5.3 1.8
1080.0	1071.3	3.823	3.743	34.476	27.396	32.368	27.388	77.2	15.617	.ŏ	1483.1	10528.5	5.0
1100.0 1120.0	1091.1 1110.8	3.763	3.681	34.482	27.406	32.471	27.398	76.2	15.770	.0	1483.2	10838.9	5.6
1140.0	1130.6	3.730 3.679	3.647 3.594	34.486 34.490	27.413 27.422	32.570	27.405	75.7	15.922	.0	1483.4	11152.2	1.8
1160.0	1150.4	3.630	3.544	34.496	27.431	32.671 32.773	27.413 27.423	74.9 74.0	16.073 16.222	.0	1483.5 1483.6	11468.4 11787.6	2.4 6.2
1180.0	1170.2	3.590	3.503	34.500	27.439	32.872	27.430	73.4	16.369	.ŏ	1483.8	12109.7	9.4
1200.0	1189.9	3.550	3.462	34.504	27.445	32.971	27.437	72.8	16.515	.0	1484.0	12434.6	5.0
1220.0 1240.0	1209.7 1229.4	3.507 3.451	3.417 3.360	34.506 34.509	27.452	33.070	27.443	72.2	16.660	.0	1484.1	12762.4	3.9
1260.0	1249.2	3.383	3.291	34.515	27.460 27.471	33.170 33.275	27.451 27.462	71.5 70.4	16.804 16.945	.0	1484.2 1484.3	13093.1	4.5
1280.0	1268.9	3.364	3.271	34.518	27.475	33.370	27.466	70.1	17.086	:ŏ	1484.5	13426.5 13762.6	5.7 5.7
1300.0 1320.0	1288.7 1308.5	3.315	3.220	34.522	27.483	33.471	27.474	69.3	17.226	.0	1484.7	14101.5	6.5
1340.0	1328.2	3.266 3.222	3.170 3.125	34.527 34.530	27.492 27.499	33.571 33.671	27.483	68.6	17.363	.0	1484.8	14443.1	.4
1360.0	1347.9	3.188	3.090	34.533	27.504	33.768	27.490 27.495	67.9 67.4	17.500 17.635	.0	1484.9 1485.1	14787.3 15134.3	12.7
1380.0	1367.7	3.157	3.057	34.535	27.509	33.865	27.500	67.1	17.770	.ŏ	1485.3	15483.8	1.3
1400.0 1420.0	1387.4 1407.2	3.101	3.000	34.539	27.517	33.966	27.508	66.3	17.903	.0	1485.4	15836.0	1.6
1440.0	1426.9	3.074 3.046	2.972 2.942	34.541 34.544	27.522 27.527	34.062 34.159	27.512 27.517	65.9	18.035	.0	1485.6	16190.7	.5
1460.0	1446.7	2.991	2.886	34.548	27.535	34.260	27.525	65.5 64.6	18.167 18.296	.0	1485.9 1486.0	16548.0 16907.9	8.4 1.9
1480.0	1466.4	2.957	2.852	34.551	27.540	34.357	27.531	64.1	18.426	.ŏ	1486.2	17270.2	1.9
1500.0 1520.0	1486.1 1505.9	2.910	2.803	34.553	27.546	34.455	27.536	63.6	18.553	.0	1486.3	17635.1	1.4
1540.0	1525.6	2.867 2.843	2.759 2.733	34.557 34.559	27.554 27.557	34.555 34.650	27.544	62.8	18.679	.0	1486.4	18002.4	4
1560.0	1545.3	2.799	2.688	34.562	27.564	34.749	27.547 27.554	62.6 61.9	18.805 18.929	.0	1486.7 1486.8	18372.2 18744.4	2.9
1580.0	1565.0	2.739	2.627	34.567	27.572	34.851	27.563	61.0	19.052	.ŏ	1486.9	19119.0	7.0 3.5
1600.0 1620.0	1584.8	2.687	2.575	34.569	27.579	34.950	27.569	60.3	19.173	.0	1487.0	19496.0	1.4
1640.0	1604.5 1624.2	2.664 2.632	2.550 2.516	34.571 34.574	27.583 27.588	35.046	27.573	60.0	19.294	.0	1487.3	19875.3	4.1
1660.0	1643.9	2.600	2.484	34.576	27.592	35.143 35.239	27.578 27.582	59.5 59.1	19.413 19.532	.0	1487.5 1487.7	20256.9 20640.9	1.1
1680.0	1663.6	2.574	2.456	34.578	27.596	35.335	27.586	58.7	19.649	.ŏ	1487.9	21027.1	1.4 3.8
1700.0	1683.4	2.525	2.406	34.582	27.604	35.435	27.594	57.9	19.766	.ŏ	1488.0	21415.7	.6
1720.0 1740.0	1703.1 1722.8	2.493 2.454	2.373 2.333	34.583 34.586	27.607 27.613	35.530	27.597	57.6	19.882	.0	1488.2	21806.4	4.1
1760.0	1742.5	2.423	2.300	34.587	27.617	35.628 35.723	27.603 27.606	57.0 56.7	19.997 20.110	.0	1488.4 1488.6	22199.4 22594.7	11.2
1780.0	1762.2	2.387	2.263	34.588	27.620	35.819	27.610	56.3	20.223	:6	1488.7	22992.1	3.0 7.1
1800.0 1820.0	1781.9	2.364	2.239	34.590	27.624	35.914	27.614	55.9	20.335	.0	1489.0	23391.7	3.9
1840.0	1801.6 1821.3	2.326 2.312	2.200	34.594 34.598	27.631 27.635	36.013 36.108	27.620 27.624	55.3	20.446	.0	1489.2	23793.4	.7
1860.0	1841.0	2.276	2.147	34.600	27.639	36.205	27.629	54.9 54.4	20.556	.0	1489.4 1489.6	24197.3	2.1
1880.0	1860.7	2.256	2.125	34.603	27.643	36.300	27.633	54.1	20.774	.ŏ	1489.9	24603.3 25011.4	3.9 1.0
1900.0 1920.0	1880.4 1900.1	2.237 2.211	2.105	34.604	27.646	36.394	27.635	53.8	20.882	.0	1490.1	25421.7	.1
	1919.8	2.211	2.078 2.062	34.605 34.608	27.649 27.653	36.488 36.583	27.639 27.642	53.5 53.3	20.990	-0	1490.3	25833.9	1.9
1960.0	1939.5	2.164	2.029	34.608	27.655	36.677	27.644	53.3	21.096 21.203	.0	1490.6 1490.8	26248.3 26664.7	.7 2.5
	1959.2	2.132	1.995	34.608	27.658	36.772	27.647	52.6	21.308	.ŏ	1491.0	27083.2	1
2000.0 2050.0	1978.8 2028.0	2.107 2.063	1.969	34.610	27.661	36.867	27.650	52.3	21.413	.0	1491.2	27503.7	2.2
	2073.3	2.021	1.921 1.876	34.615 34.617	27.669 27.675	37.102 37.317	27.658 27.663	51.6	21.673	٠,٥	1491.9	28563.7	4.0
					-1.013	3,.31,	£1.003	51.1	21.909	.0	1492.5	29549.9	.0

Station 1	20	Latitude	31. 59.	87'N	Longita	ıde 126°	40.02'W	08	May 1991	GMT 3	:40	Bottom	4165 m
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma -0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.9 39.9 49.8 59.8 69.7 79.7	15.436 15.440 15.435 15.365 14.177 14.077 14.065 14.243 14.050	15.436 15.439 15.432 15.361 14.290 14.170 14.068 14.055 14.232 14.038	33.132 33.166 33.159 33.135 33.138 33.138 33.153 33.236 33.218	24.438 24.463 24.465 24.475 24.686 24.712 24.735 24.750 24.777 24.803	24.438 24.507 24.553 24.607 24.863 24.934 25.001 25.060 25.131 25.202	24.438 24.463 24.465 24.474 24.685 24.711 24.733 24.748 24.774 24.800	348.3 346.2 346.3 345.7 325.8 323.6 321.7 320.6 318.3 316.1	.000 .347 .694 1.040 1.373 1.698 2.020 2.341 2.661 2.978	00000000000	1506.5 1506.7 1506.8 1506.8 1503.5 1503.3 1503.1 1503.2 1503.6	.0 1.7 6.9 15.6 27.6 42.9 61.4 83.1 108.0 136.1	1.4 3.1 100.6 10.8 34.8 43.9 7.3 30.2 47.7
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.1	13.288 12.190 10.990 10.234 9.857 9.464 9.371 9.328 9.393 9.319	13.274 12.176 10.976 10.219 9.842 9.448 9.354 9.309 9.374 9.299	33.131 33.066 33.084 33.143 33.210 33.382 33.509 33.566 33.742 33.812	24.891 25.055 25.288 25.465 25.780 25.895 25.895 25.946 26.073 26.141	25.336 25.546 25.827 26.051 26.213 26.459 26.618 26.715 26.887 26.999	24.888 25.052 25.286 25.463 25.579 25.778 25.892 25.943 26.070 26.137	307.8 292.3 270.1 253.3 242.4 223.6 212.9 208.2 196.4 190.2	3.290 3.592 3.871 4.133 4.380 4.614 4.833 5.044 5.246 5.438	00000000000	1501.1 1497.5 1493.5 1491.0 1489.8 1488.8 1488.8 1489.5 1489.4	167.3 201.6 238.8 278.6 321.0 365.7 412.7 461.8 513.0 566.1	146.6 246.2 103.1 174.7 170.5 148.5 134.1 135.6 130.1
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.8 248.8 258.7 268.6 278.6 288.5	9.228 9.088 8.970 8.845 8.733 8.582 8.520 8.440 8.373 8.275	9.206 9.065 8.947 8.820 8.708 8.556 8.493 8.413 8.344 8.246	33.882 33.940 33.979 34.014 34.045 34.072 34.083 34.094 34.102 34.119	26.210 26.278 26.327 26.374 26.461 26.480 26.501 26.518 26.545	27.114 27.228 27.323 27.416 27.503 27.594 27.658 27.725 27.787 27.861	26.207 26.275 26.323 26.371 26.413 26.457 26.476 26.497 26.513 26.541	183.8 177.5 173.0 168.7 164.8 160.7 159.1 157.3 155.8 153.3	5.626 5.807 5.982 6.153 6.320 6.483 6.643 6.802 6.958 7.113	00000000000	1489.4 1489.1 1488.8 1488.6 1488.0 1487.9 1487.9 1487.7 1487.5	621.1 677.9 736.8 858.7 922.3 987.5 1054.3 1122.7 1192.5	75.9 53.6 29.9 6.2 56.8 57.1 15.8 4.4 26.9
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.4 308.4 318.3 328.2 338.2 348.1 358.0 367.9 377.9 387.8	8.207 8.168 8.089 7.965 7.917 7.819 7.771 7.662 7.570 7.497	8.176 8.137 8.057 7.932 7.883 7.784 7.735 7.625 7.533 7.459	34.126 34.133 34.143 34.151 34.159 34.168 34.172 34.178 34.183 34.192	26.562 26.573 26.592 26.618 26.651 26.652 26.663 26.6684 26.701 26.718	27.923 27.980 28.045 28.116 28.175 28.243 28.299 28.366 28.429 28.492	26.557 26.568 26.588 26.613 26.626 26.647 26.658 26.678 26.695 26.713	151.9 151.0 149.3 147.0 145.9 144.0 143.1 141.3 139.8 138.2	7.266 7.417 7.567 7.716 7.862 8.007 8.151 8.293 8.433 8.573	0000000000	1487.5 1487.4 1487.1 1487.1 1486.8 1486.8 1486.4 1486.4	1263.9 1336.8 1411.2 1487.1 1564.5 1643.2 1723.5 1805.1 1888.1 1972.5	5.2 32.2 19.9 15.5 22.2 21.9 25.4 7.8 18.9
400.0 410.0 420.0 430.0 440.0 450.0 470.0 480.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1 487.0	7.408 7.333 7.286 7.227 7.121 7.033 6.904 6.804 6.722 6.715	7.370 7.293 7.245 7.186 7.079 6.991 6.861 6.760 6.677	34.199 34.204 34.205 34.212 34.221 34.226 34.239 34.239 34.246 34.255	26.737 26.751 26.759 26.772 26.794 26.811 26.828 26.852 26.857	28.557 28.617 28.671 28.730 28.798 28.862 28.925 28.996 29.112	26.731 26.746 26.753 26.767 26.788 26.805 26.822 26.846 26.863 26.871	136.6 135.3 134.7 133.5 131.5 130.0 128.4 126.2 124.6	8.710 8.846 8.981 9.115 9.247 9.378 9.507 9.634 9.760 9.884	0000000000	1486.1 1486.0 1485.9 1485.7 1485.5 1485.1 1484.9	2058.3 2145.4 2233.9 2323.6 2414.7 2507.1 2600.8 2695.8 2792.0 2889.4	9.3 9.8 6.3 22.1 22.4 16.8 38.8 20.9
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	496.9 516.8 526.7 536.6 546.5 556.4 566.4 576.3 586.2	6.654 6.554 6.527 6.441 6.347 6.312 6.228 6.203 6.172 6.096	6.608 6.508 6.479 6.393 6.299 6.262 6.178 6.153 6.120 6.044	34.263 34.268 34.269 34.278 34.290 34.294 34.301 34.302 34.305 34.310	26.891 26.908 26.913 26.932 26.953 26.961 26.978 26.988 27.002	29.173 29.237 29.287 29.353 29.420 29.474 29.537 29.587 29.639 29.699	26.885 26.902 26.907 26.926 26.947 26.955 26.971 26.976 26.981 26.995	122.8 121.2 120.9 119.2 117.2 116.5 115.0 114.7 114.3 113.0	10.008 10.130 10.251 10.370 10.488 10.605 10.720 10.835 10.950 11.063	.0000000000	1484.9 1484.6 1484.7 1484.5 1484.3 1484.2 1484.3 1484.3 1484.3	2988.1 3087.9 3189.0 3291.3 3394.7 3499.3 3605.0 3711.9 3819.9 3929.0	18.9 8.0 34.1 28.2 2 27.3 5.6 10.3 3.6
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0	596.1 606.0 615.9 625.8 635.8 645.7 655.6 665.5 675.4 685.3	6.042 5.970 5.896 5.842 5.779 5.725 5.660 5.524 5.385 5.278	5.989 5.916 5.842 5.787 5.723 5.669 5.604 5.328 5.221	34.311 34.310 34.317 34.322 34.329 34.334 34.335 34.334 34.325 34.320	27.010 27.019 27.033 27.044 27.057 27.067 27.076 27.093 27.102 27.111	29.753 29.809 29.870 29.927 29.986 30.043 30.098 30.162 30.219 30.276	27.003 27.012 27.026 27.037 27.050 27.061 27.070 27.086 27.095 27.104	112.3 111.5 110.2 109.2 108.1 107.1 106.3 104.7 103.7	11.176 11.288 11.399 11.509 11.618 11.725 11.832 11.938 12.042 12.145		1484.1 1484.0 1483.9 1483.8 1483.7 1483.7 1483.6 1483.2 1482.8 1482.5	4039.2 4150.6 4263.0 4376.5 4491.1 4606.8 4723.5 4841.3 4960.1 5079.9	4.5 17.9 15.9 6.8 8.5 3.9 12.0 8.8 23.4 7.3
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	5.244 5.262 5.219 5.196 5.188 5.181 5.114 5.062 4.961 4.896	5.186 5.203 5.159 5.135 5.127 5.119 5.051 4.999 4.897 4.832	34.331 34.349 34.351 34.352 34.354 34.362 34.368 34.374 34.371	27.123 27.130 27.141 27.145 27.147 27.149 27.164 27.174 27.191 27.196	30.334 30.387 30.443 30.493 30.541 30.589 30.650 30.707 30.772 30.823	27.116 27.123 27.134 27.138 27.140 27.142 27.156 27.167 27.184 27.188	101.7 101.2 100.3 100.0 99.9 98.4 97.5 95.8 95.4	12.248 12.349 12.450 12.550 12.650 12.750 12.750 12.849 12.947 13.044 13.139	.00000000000000000000000000000000000000	1482.6 1482.8 1482.8 1482.9 1483.0 1483.2 1483.1 1483.0 1482.8 1482.7	5200.8 5322.6 5445.5 5569.3 5694.1 5819.9 5946.7 6074.4 6203.1 6332.7	7.3 6.4 13.2 1.5 2.9 29.0 6.7 13.8 26.9 3.2
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.3 804.2 814.0 824.0 833.8 843.8 853.7 863.5 873.5	4.843 4.749 4.716 4.694 4.669 4.602 4.563 4.520 4.490 4.475	4.779 4.684 4.651 4.628 4.603 4.535 4.496 4.452 4.421 4.406	34.377 34.379 34.381 34.382 34.384 34.391 34.399 34.410 34.412 34.412	27.207 27.219 27.224 27.227 27.232 27.245 27.255 27.269 27.274 27.275	30.881 30.940 30.992 31.041 31.091 31.151 31.208 31.268 31.319 31.367	27.200 27.211 27.217 27.220 27.225 27.237 27.248 27.261 27.266 27.268	94.3 93.2 92.7 92.5 92.1 90.9 89.9 88.7 88.2 88.1	13.234 13.328 13.421 13.513 13.606 13.697 13.788 13.877 13.965 14.053	0000000000	1482.6 1482.4 1482.4 1482.5 1482.5 1482.5 1482.5 1482.5 1482.5	6463.3 6594.8 6727.2 6860.6 6994.8 7129.9 7266.0 7402.9 7540.7 7679.3	13.5 6.7 1.1 13.7 2.6 13.2 10.8 2.6 2.0
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.436 4.383 4.345 4.298 4.229 4.190 4.191 4.185 4.142	4.365 4.312 4.273 4.226 4.212 4.156 4.117 4.116 4.109 4.066	34.420 34.425 34.429 34.429 34.433 34.442 34.442 34.443	27.281 27.292 27.300 27.309 27.310 27.319 27.330 27.330 27.332 27.341	31.419 31.476 31.531 31.586 31.689 31.746 31.792 31.840 31.895	27.274 27.285 27.292 27.301 27.302 27.312 27.322 27.322 27.324 27.323	87.6 86.6 85.9 85.1 85.0 84.1 83.2 83.1 82.2	14.141 14.228 14.315 14.400 14.485 14.570 14.653 14.737 14.820 14.902	000000000000000000000000000000000000000	1482.6 1482.6 1482.6 1482.7 1482.6 1482.6 1482.8 1482.9 1482.9	7818.9 7959.2 8100.5 8242.5 8385.4 8529.2 8673.7 8819.1 8965.3 9112.3	11.7 .9 10.8 6.7 1.2 5.8 17.0 4.1

Station 1	.20	Latitude	31. 59.	87'N	Longitu	de 126°	40.02'W	08	May 1991	GMT	3:40	Bottom	4165 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t	Delta	Dyn. Ht	LTR	sv	TF	N ²
đЬ	m	•c	.c	0/00	kg/m ³	kg/m ³	kg/m ³	$10^8 m^3/kg$	J/kg	0/0	m/s	m ³ /s ²	10 ⁶ /s ²
1000.0	992.2	4.103	4.027	34.452	27.348	31.948	27.340	81.6	14.984	.0		9260.1	6.7
1020.0 1040.0	1012.0 1031.7	4.039 3.911	3.962 3.833	34.458 34.470	27.359 27.382	32.052 32.170	27.351 27.374	80.6	15.147 15.305	٠,		9558.1	15.5
1060.0	1051.5	3.825	3.746	34.476	27.396	32.276	27.388	78.3 77.0	15.461	.0		9859.3 10163.5	6 1.5
1080.0	1071.3	3.802	3.721	34.478	27.399	32.372	27.391	76.8	15.615	.ŏ		10470.8	5.6
1100.0 1120.0	1091.1 1110.8	3.775 3.754	3.693	34.481	27.404	32.468	27.396	76.4	15.768	.0		10781.1	2.7
1140.0	1130.6	3.714	3.671 3.629	34.482 34.486	27.408 27.415	32.564 32.663	27.399 27.406	76.2 75.6	15.920 16.072	٠,	1483.5 1483.7	11094.3 11410.5	6.5 1.5
1160.0	1150.4	3.690	3.603	34.488	27.419	32.759	27.411	75.3	16.223	.0	1483.9	11729.7	3.0
1180.0	1170.1	3.598	3.511	34.498	27.436	32.869	27.427	73.7	16.372	.0	1483.8	12051.8	-1.4
1200.0	1189.9	3.581	3.493	34.499	27.438	32.963	27.430	73.6	16.519	.0	1484.1	12376.9	3.0
1220.0 1240.0	1209.7 1229.4	3.480 3.430	3.390	34.508	27.456	33.075	27.447	71.8	16.664	.0	1484.0	12704.7	5
1260.0	1249.2	3.384	3.339 3.292	34.513 34.516	27.465 27.472	33.176 33.275	27.456 27.463	71.0 70.4	16.808	.0	1484.1	13035.4	8.9
1280.0	1268.9	3.327	3.234	34.520	27.480	33.377	27.472	69.5	16.949 17.089	.0	1484.3 1484.4	13368.9 13705.1	13.6 1.5
1300.0	1288.7	3.291	3.197	34.522	27.486	33.474	27.477	69.1	17.228	.ŏ	1484.6	14044.0	-4.9
1320.0 1340.0	1308.4 1328.2	3.276	3.180	34.526	27.490	33.569	27.481	68.8	17.366	.0	1484.8	14385.7	3.6
1360.0	1347.9	3.220 3.176	3.123 3.078	34.529 34.533	27.498 27.505	33.670 33.770	27.489 27.496	68.0 67.3	17.503	.0	1484.9	14730.0	3.3
1380.0	1367.7	3.097	2.998	34.540	27.518	33.876	27.509	66.0	17.638 17.772	.0	1485.1 1485.1	15076.9 15426.5	4.5 13.0
1400.0	1387.4	3.065	2.965	34.541	27.522	33.972	27.513	65.7	17.903	.0	1485.3	15778.7	1.6
1420.0	1407.2	3.023	2.922	34.545	27.529	34.071	27.520	65.0	18.034	.ŏ	1485.4	16133.4	-:4
1440.0 1460.0	1426.9 1446.6	2.990 2.973	2.887 2.869	34.548 34.548	27.534	34.169	27.525	64.5	18.163	.0	1485.6	16490.6	-2.2
1480.0	1466.4	2.895	2.790	34.555	27.536 27.549	34.262 34.368	27.527 27.540	64.4 63.1	18.292 18.420	.0	1485.9 1485.9	16850.4 17212.7	7.5 1.1
1500.0	1486.1	2.867	2.760	34.557	27.553	34.465	27.544	62.7	18.545	.ŏ	1486.1	17577.4	9.9
1520.0	1505.8	2.846	2.738	34.559	27.557	34.559	27.547	62.5	18.670	.0	1486.4	17944.5	4
1540.0 1560.0	1525.6 1545.3	2.802 2.771	2.693 2.661	34.564 34.566	27.565 27.569	34.659 34.756	27.555 27.559	61.7	18.794	٠,٥	1486.5	18314.1	2
1580.0	1565.0	2.739	2.628	34.568	27.573	34.852	27.564	61.3 60.9	18.917 19.039	.0	1486.7 1486.9	18686.1 19060.4	5.2 3.2
1600.0	1584.7	2.700	2.587	34.571	27.580	34.950	27.570	60.3	19.161	.0	1487.1		
1620.0	1604.5	2.646	2.533	34.574	27.587	35.050	27.577	59.6	19.281	.0	1487.2	19437.2 19816.2	6.4 11.7
1640.0	1624.2	2.615	2.500	34.577	27.592	35.147	27.582	59.1	19.399	.0	1487.4	20197.6	4.4
1660.0 1680.0	1643.9 1663.6	2.566 2.509	2.450 2.392	34.581 34.584	27.599	35.247	27.589	58.3	19.517	.0	1487.5	20581.3	-1.2
1700.0	1683.3	2.476	2.358	34.585	27.606 27.610	35.347 35.443	27.596 27.600	57.5 57.1	19.633 19.747	.0	1487.6 1487.8	20967.2 21355.4	1.2
1720.0	1703.0	2.434	2.315	34.588	27.616	35.542	27.606	56.5	19.861	.ŏ	1488.0	21745.7	.6 2.9
1740.0	1722.8	2.409	2.289	34.589	27.619	35.637	27.609	56.2	19.974	.o	1488.2	22138.3	2.6
1760.0 1780.0	1742.5 1762.2	2.366 2.335	2.244	34.593 34.595	27.626 27.630	35.735 35.831	27.616 27.620	55.5	20.086	٠.	1488.3	22533.0	1.8
1800.0	1781.9	2.321						55.1	20.196	.0	1488.5	22929.9	2.4
1820.0	1801.6	2.297	2.197 2.171	34.596 34.599	27.632 27.637	35.925 36.021	27.622 27.626	55.0 54.5	20.306 20.416	.0	1488.8 1489.0	23329.0 23730.1	4.4
1840.0	1821.3	2.286	2.159	34.600	27.638	36.113	27.628	54.5	20.525	.ŏ	1489.3	24133.4	2.1 1.3
1860.0	1841.0	2.249	2.121	34.605	27.645	36.212	27.635	53.7	20.633	.0	1489.5	24538.8	5
1880.0 1900.0	1860.7 1880.4	2.246 2.236	2.116 2.104	34.605 34.606	27.646 27.648	36.303	27.635	53.8	20.741	.0	1489.8	24946.2	-1.4
1920.0	1900.1	2.210	2.076	34.608	27.652	36.395 36.491	27.637 27.641	53.7 53.3	20.848 20.955	.0	1490.1 1490.3	25355.7 25767.3	.4 2.8
1940.0	1919.7	2.188	2.053	34.611	27.656	36.586	27.645	52.9	21.061	.ŏ	1490.6	26181.0	2.5
1960.0	1939.4	2.175	2.039	34.612	27.658	36.679	27.647	52.7	21.167	.0	1490.9	26596.7	1.6
1980.0	1959.1	2.141	2.004	34.615	27.663	36.776	27.652	52.2	21.271	.0	1491.1	27014.5	.2
2000.0 2050.0	1978.8 2028.0	2.135 2.079	1.997 1.937	34.616	27.665	36.868	27.654	52.1	21.376	.0	1491.4	27434.2	1.1 3.7
2098.0	2075.2	2.079	1.888	34.621 34.625	27.673 27.680	37.104 37.330	27.662 27.669	51.3 50.6	21.635 21.879	.0	1492.0 1492.6	28492.4 29519.9	
					_,			30.0	013	.0	1434.0	4 3 3 1 3 . 3	.0

Station 1	21	Latitude	32* 13.	31'N	Longit	ıde 126°	32.32'W	08	May 1991	GMT 6	:28	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0	.0 10.0 19.9 29.9 39.9 49.8 59.8 69.7 89.7	15.340 15.343 15.310 14.653 14.297 14.123 13.990 13.996 13.863	15.340 15.338 15.340 15.305 14.647 14.290 14.115 13.980 13.914 13.850	33.153 33.173 33.172 33.139 33.132 33.122 33.110 33.110 33.110	24.475 24.490 24.491 24.497 24.614 24.684 24.713 24.731 24.735 24.758	24.475 24.535 24.579 24.629 24.791 24.906 24.979 25.042 25.100 25.158	24.475 24.490 24.496 24.613 24.683 24.711 24.729 24.743 24.756	344.8 343.6 343.9 343.6 332.7 326.3 323.8 322.3 321.3 320.3	.000 .344 .688 1.032 1.371 1.701 2.025 2.348 2.670 2.991		1506.2 1506.4 1506.6 1504.6 1503.6 1503.2 1502.9 1502.8	.0 1.7 6.9 15.4 27.4 42.7 61.3 83.1 108.0 136.2	7 -1.3 24.5 98.2 38.7 7.3 15.2 8.2 23.4
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.3 179.2	13.378 12.187 10.899 10.290 10.038 9.728 9.360 9.503 9.439 9.385	13.364 12.173 10.884 10.275 10.022 9.711 9.342 9.485 9.419 9.364	33.145 33.094 33.100 33.175 33.203 33.250 33.373 33.476 33.594 33.662	24.885 25.077 25.317 25.481 25.546 25.634 25.790 25.848 25.848 25.951 26.013	25.329 25.856 25.856 26.067 26.177 26.311 26.513 26.616 26.764 26.872	24.882 25.074 25.315 25.478 25.543 25.631 25.787 25.845 25.948 26.010	308.5 290.2 267.3 251.8 245.8 237.6 222.9 217.6 208.0 202.3	3.307 3.606 3.883 4.144 4.392 4.633 4.865 5.086 5.299 5.504	00000000000	1501.4 1497.5 1493.2 1491.2 1490.5 1489.6 1488.5 1489.4 1489.4	167.6 202.0 239.3 279.3 321.7 366.6 413.9 463.4 515.0 568.7	280.4 209.0 60.3 50.0 136.3 45.5 144.4 66.3 97.0 79.7
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 219.0 228.9 238.8 248.8 258.7 268.6 278.6 288.5	9.282 9.216 9.116 9.017 8.919 8.778 8.661 8.441 8.422 8.236	9.260 9.193 9.092 8.992 8.894 8.751 8.634 8.413 8.393 8.206	33.799 33.860 33.908 33.941 33.969 34.004 34.032 34.039 34.063 34.070	26.136 26.249 26.249 26.290 26.328 26.378 26.418 26.457 26.457 26.513	27.040 27.144 27.243 27.331 27.414 27.510 27.596 27.681 27.748 27.829	26.133 26.245 26.245 26.287 26.324 26.374 26.414 26.453 26.475 26.509	190.8 185.5 180.5 176.7 173.3 168.7 165.0 161.4 159.5 156.3	5.702 5.890 6.073 6.251 6.426 6.596 6.764 6.927 7.087 7.245	00000000000	1489.5 1489.4 1489.3 1489.1 1489.0 1488.6 1488.4 1487.7 1487.9 1487.3	624.4 682.0 741.5 802.7 865.7 930.4 996.8 1064.8 1134.4 1205.6	148.3 84.4 66.0 46.0 8.6 39.0 36.3 32.5 19.6 43.6
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.4 308.4 318.3 328.2 338.2 348.1 358.0 368.0 377.9 387.8	7.825 7.732 7.571 7.474 7.363 7.292 7.195 7.105 7.043 6.953	7.795 7.701 7.540 7.443 7.330 7.258 7.161 7.070 7.008 6.917	34.033 34.040 34.049 34.054 34.073 34.082 34.092 34.101 34.112 34.112	26.545 26.564 26.594 26.612 26.663 26.660 26.701 26.718 26.731	27.909 27.974 28.051 28.115 28.192 28.255 28.323 28.388 28.452 28.510	26.541 26.559 26.590 26.608 26.639 26.655 26.677 26.677 26.714 26.726	153.3 151.6 148.7 147.2 144.3 142.8 140.9 139.1 137.6 136.5	7.400 7.552 7.703 7.851 7.997 8.141 8.283 8.422 8.561 8.698	00000000000	1485.9 1485.7 1485.2 1485.0 1484.8 1484.5 1484.3 1484.2 1484.1	1278.3 1352.5 1428.3 1505.5 1584.2 1664.3 1745.8 1828.7 1913.0 1998.7	39.1 23.3 29.7 38.2 22.1 8.3 22.3 15.0 10.6 22.0
400.0 410.0 420.0 430.0 440.0 450.0 460.0 480.0 490.0	397.7 407.6 417.6 427.5 437.4 447.3 457.3 467.2 477.1 487.0	6.756 6.622 6.636 6.457 6.405 6.355 6.244 6.190 6.168	6.720 6.585 6.598 6.419 6.366 6.315 6.203 6.158 6.128 6.125	34.102 34.096 34.123 34.115 34.132 34.141 34.146 34.151 34.159 34.175	26.749 26.763 26.782 26.800 26.820 26.834 26.852 26.862 26.862 26.885	28.576 28.636 28.701 28.766 28.833 28.892 28.957 29.013 29.127	26.744 26.758 26.777 26.795 26.815 26.829 26.847 26.856 26.857 26.879	134.8 133.5 131.8 130.1 128.3 127.1 125.4 124.6 124.6 122.7	8.833 8.968 9.100 9.231 9.361 9.488 9.614 9.739 9.864 9.987	0000000000	1483.4 1483.0 1483.3 1482.7 1482.7 1482.7 1482.4 1482.5 1482.7	2085.7 2174.0 2263.7 2344.6 2446.9 2540.4 2635.1 2731.1 2828.4 2926.8	17.9 21.1 5.6 20.8 20.8 17.3 7.0 5.2 11.4
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0	496.9 506.9 516.8 526.7 536.6 546.5 556.4 566.4 576.3	6.202 6.062 5.946 5.903 5.873 5.870 5.775 5.775 5.624	6.158 6.017 5.901 5.857 5.827 5.823 5.772 5.726 5.701 5.574	34.191 34.192 34.190 34.198 34.204 34.218 34.230 34.247 34.252 34.253	26.894 26.912 26.925 26.937 26.946 26.957 26.973 26.999 27.015	29.181 29.247 29.307 29.365 29.419 29.476 29.538 29.603 29.656 29.720	26.888 26.906 26.920 26.931 26.940 26.951 26.967 26.986 26.993 27.009	122.0 120.3 119.0 118.0 117.3 116.4 114.9 113.2 112.6 111.1	10.109 10.230 10.350 10.468 10.586 10.703 10.818 10.932 11.045 11.157	0000000000	1483.0 1482.6 1482.3 1482.3 1482.3 1482.5 1482.5 1482.5 1482.5	3026.5 3127.4 3229.4 3332.6 3437.0 3542.6 3649.3 3757.1 3866.0 3976.1	28.7 5.8 24.6 16.9 3.2 7.3 11.4 6.1 15.8
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0	596.1 606.0 615.9 625.8 635.7 645.7 655.6 6665.5 675.4 685.3	5.392 5.335 5.308 5.285 5.243 5.239 5.205 5.198 5.169 5.115	5.342 5.285 5.257 5.233 5.190 5.185 5.151 5.143 5.113 5.058	34.233 34.238 34.244 34.256 34.267 34.281 34.295 34.307 34.316 34.320	27.028 27.038 27.046 27.058 27.072 27.084 27.099 27.110 27.120 27.130	29.781 29.838 29.892 29.950 30.010 30.068 30.129 30.185 30.242 30.298	27.022 27.032 27.040 27.052 27.066 27.078 27.093 27.103 27.114 27.123	109.7 108.7 108.1 107.0 105.8 104.8 103.4 103.6 101.6	11.267 11.376 11.485 11.592 11.699 11.804 11.908 12.011 12.113 12.215	0000000000	1481.4 1481.3 1481.4 1481.5 1481.5 1481.7 1481.7 1481.8 1481.9	4087.2 4199.5 4312.8 4427.1 4542.5 4659.0 4776.5 4895.0 5014.5 5135.0	13.1 13.1 2.8 7.2 25.4 7.2 15.2 14.0 8.4 9.6
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	5.020 4.973 4.951 4.907 4.928 4.872 4.808 4.746 4.704 4.681	4.964 4.916 4.892 4.848 4.868 4.812 4.747 4.685 4.642 4.618	34.323 34.324 34.326 34.330 34.347 34.349 34.350 34.356 34.369 34.374	27.142 27.149 27.153 27.161 27.172 27.181 27.189 27.201 27.216 27.222	30.358 30.411 30.461 30.515 30.571 30.626 30.681 30.740 30.801 30.853	27.136 27.143 27.146 27.155 27.166 27.174 27.182 27.194 27.209 27.215	99.5 99.0 98.7 97.9 97.0 96.3 95.5 94.4 93.0 92.5	12.315 12.415 12.514 12.612 12.709 12.806 12.902 12.996 13.090 13.183	0000000000	1481.6 1481.7 1481.7 1481.7 1481.9 1481.8 1481.7 1481.8	5256.5 5379.0 5502.5 5627.0 5752.4 5878.7 6006.0 6134.3 6263.4 6393.5	14.3 11.9 7.2 14.9 7.0 2.6 13.7 10.2 12.8 3.2
800.0 810.0 820.0 830.0 840.0 850.0 870.0 880.0 890.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.666 4.629 4.594 4.5567 4.557 4.463 4.442 4.4439 4.411	4.602 4.565 4.529 4.502 4.491 4.453 4.396 4.374 4.370 4.341	34.375 34.383 34.392 34.400 34.400 34.410 34.412 34.414 34.414	27.225 27.236 27.246 27.253 27.257 27.265 27.275 27.279 27.281 27.286	30.902 30.959 31.016 31.069 31.119 31.174 31.230 31.280 31.327 31.378	27.218 27.228 27.239 27.246 27.250 27.258 27.268 27.272 27.273 27.278	92.3 91.3 90.4 89.8 89.5 88.7 87.5 87.5	13.275 13.368 13.458 13.549 13.638 13.727 13.816 13.903 13.991 14.078	0000000000	1481.9 1481.9 1481.9 1482.0 1482.1 1482.1 1482.1 1482.2 1482.3 1482.4	6524.5 6656.4 6789.2 6922.9 7057.4 7192.9 7329.2 7466.4 7604.4 7743.3	2.3 20.7 11.1 5.8 7.9 6.4 7.6 10.5 1.4
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.6 962.5 972.4 982.3	4.397 4.330 4.276 4.267 4.269 4.234 4.201 4.129 4.092 4.054	4.327 4.260 4.205 4.195 4.196 4.161 4.055 4.017 3.979	34.417 34.420 34.422 34.430 34.443 34.443 34.443 34.443 34.443	27.288 27.297 27.305 27.312 27.319 27.326 27.330 27.336 27.336 27.344 27.352	31.426 31.483 31.537 31.590 31.643 31.696 31.746 31.800 31.854 31.908	27.280 27.290 27.298 27.304 27.312 27.318 27.322 27.329 27.336 27.344	86.9 86.0 85.2 84.7 84.1 83.1 82.5 81.8 81.0	14.165 14.251 14.337 14.422 14.506 14.590 14.673 14.756 14.838 14.920	0000000000	1482.5 1482.4 1482.3 1482.4 1482.6 1482.6 1482.7 1482.5 1482.5	7883.1 8023.7 8165.1 8307.4 8450.5 8594.4 8739.2 8884.8 9031.1 9178.3	14.9 2.6 7.3 6.7 10.2 11.7 2.9 2.6 7.9

Station 1	21	Latitude	32° 13.	31'N	Longitu	de 126°	32.32'W	08	May 1991	GMT	6:28	Bottom	3730 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma-0	Sigma-z	Sigma-t		Dyn.Ht	LTR	·		N ²
ďb	m	°c	•c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	J/kg	0/0		m ³ /s ²	10 ⁶ /s ²
1000.0	992.2	4.026	3.950	34.453	27.356	31.959	27.348	80.6	15.000	.0		9326.3	
1020.0	1011.9	3.979	3.902	34.459	27.366	32.061	27.358	79.8	15.161	.6		9624.6	7.9 9.4
1040.0 1060.0	1031.7	3.912	3.834	34.470	27.382	32.169	27.374	78.4	15.319	.0		9926.0	7.6
1080.0	1051.5 1071.3	3.834 3.787	3.754 3.707	34.474	27.393	32.274	27.385 27.395	77.3	15.475	.0	1482.8	10230.5	7.6
1100.0	1091.0	3.736	3.654	34.481 34.486	27.404 27.413	32.376 32.478	27.395	76.4	15.629	.0		10538.1	8.8
1120.0	1110.8	3.674	3.591	34.491	27.423	32.581	27.405 27.415	75.5 74.6	15.781 15.931	.0	1483.1 1483.2	10848.6 11162.1	9.7 9.1
1140.0	1130.6	3.627	3.543	34.497	27.432	32.683	27,424	73.8	16.079	.ŏ	1483.3	11478.5	5.3
1160.0	1150.3	3.562	3.477	34.501	27.442	32.785	27.433	72.9	16.225	.ŏ	1483.4	11797.7	11.4
1180.0	1170.1	3.522	3.436	34.504	27.448	32.883	27.439	72.3	16.370	.0	1483.5	12119.9	2.1
1200.0	1189.9	3,477	3.389	34.508	27.456	32.984	27.448	71.6	16.514	.0	1483.7	12444.8	3.6
1220.0 1240.0	1209.6	3.417	3.328	34.515	27.468	33.088	27.459	70.5	16.656	.o	1483.8	12772.5	4.1
1260.0	1229.4 1249.2	3.372 3.315	3.281 3.224	34.518 34.523	27.474	33.187	27.466	69.9	16.797	.0	1483.9	13103.0	4.7
1280.0	1268.9	3.255	3.163	34.523	27.483 27.492	33.289	27.475	69.0	16.935	.0	1484.0	13436.2	1.5
1300.0	1288.7	3.218	3.125	34.530	27.499	33.391 33.489	27.483 27.490	68.2 67.6	17.073 17.208	.0	1484.1	13772.1	2.1
1320.0	1308.4	3.188	3.093	34.533	27.503	33.586	27.495	67.2	17.344	.0	1484.3 1484.5	14110.7 14451.9	2 4.2
1340.0	1328.2	3.156	3.059	34.536	27.510	33.684	27.501	66.7	17.478	.ŏ	1484.7	14795.7	7.1
1360.0 1380.0	1347.9	3.102	3.005	34.540	27.517	33.784	27.508	65.9	17.610	.0	1484.8	15142.2	3.6
	1367.7	3.057	2.959	34.542	27.524	33.883	27.515	65.3	17.741	.0	1484.9	15491.2	3.6
1400.0 1420.0	1387.4	3.031	2.931	34.544	27.528	33.979	27.519	65.0	17.872	.0	1485.1	15842.7	1.3
1440.0	1407.1 1426.9	2.995 2.966	2.894	34.547	27.533	34.076	27.524	64.5	18.001	.0	1485.3	16196.8	1.3
1460.0	1446.6	2.918	2.864 2.814	34.549 34.551	27.538 27.544	34.173 34.272	27.529	64.1	18.130	.0	1485.5	16553.4	2.2
1480.0	1466.3	2.872	2.767	34.555	27.551	34.272	27.534 27.542	63.5 62.8	18.257 18.384	.0	1485.7 1485.8	16912.5	4.6
1500.0	1486.1	2.839	2.733	34.557	27.555	34.468	27.546	62.4	18.509	:0	1486.0	17274.0 17638.0	3.1 4.9
1520.0	1505.8	2.816	2.709	34.559	27.559	34.563	27.549	62.2	18.634	.0	1486.2	18004.5	2.5
1540.0 1560.0	1525.5 1545.3	2.787	2.678	34.561	27.564	34.660	27.554	61.7	18.758	.0	1486.4	18373.3	4.9
1580.0	1565.0	2.754 2.720	2.644 2.609	34.564 34.567	27.569 27.574	34.757	27.559	61.2	18.881	.0	1486.6	18744.5	4.3
						34.854	27.564	60.8	19.003	.0	1486.8	19118.2	4.3
1600.0 1620.0	1584.7 1604.4	2.684 2.644	2.571 2.530	34.569 34.570	27.579 27.584	34.951	27.569	60.3	19.124	.0	1487.0	19494.2	2.0
1640.0	1624.2	2.616	2.501	34.572	27.584	35.048 35.144	27.574 27.578	59.8 59.4	19.244	.0	1487.2	19872.5	2.0
1660.0	1643.9	2.590	2.473	34.575	27.592	35.239	27.582	59.4	19.363 19.482	.0	1487.4 1487.6	20253.1 20636.1	4.4
1680.0	1663.6	2.546	2.428	34.579	27.600	35.339	27.590	58.3	19.599	:0	1487.8	21021.3	4.7 3.5
1700.0	1683.3	2.514	2.395	34.582	27.604	35.436	27.594	57.8	19.715	.ŏ	1488.0	21408.9	5.6
1720.0 1740.0	1703.0 1722.7	2.481 2.453	2.361	34.584	27.609	35.533	27.599	57.3	19.831	.0	1488.2	21798.6	4.7
1760.0	1742.4	2.415	2.331 2.293	34.586 34.590	27.613 27.620	35.628 35.727	27.603 27.609	57.0	19.945	.0	1488.4	22190.6	-2.9
1780.0	1762.1	2.386	2.262	34.593	27.624	35.823	27.614	56.4 55.9	20.058 20.171	.0	1488.5 1488.7	22584.8 22981.1	2.1
1800.0	1781.8	2.366	2.241	34.595	27.628								2.1
1820.0	1801.5	2.328	2.202	34.596	27.632	35.918 36.014	27.617 27.622	55.6 55.1	20.282 20.393	٠,٥	1489.0	23379.7	2.7
1840.0	1821.2	2.307	2.202 2.180	34.598	27.636	36.109	27.625	54.8	20.503	.0	1489.2 1489.4	23780.4 24183.2	2.7
1860.0	1840.9	2.286	2.157	34.601	27.639	36,204	27.629	54.5	20.612	.ŏ	1489.7	24588.1	2.1
1880.0 1900.0	1860.6 1880.3	2.264 2.235	2.133	34.603	27.643	36.299	27.632	54.1	20.721	.0	1489.9	24995.2	-1.9
1920.0	1900.0	2.233	2.103 2.080	34.606 34.608	27.648 27.652	36.396 36.491	27.637	53.7	20.828	.0	1490.1	25404.3	2.8
1940.0	1919.7	2.194	2.060	34.610	27.654	36.585	27.641 27.644	53.3 53.1	20.935 21.042	.0	1490.4 1490.6	25815.5	.7
1960.0	1939.4	2.176	2.040	34.612	27.658	36.679	27.647	52.8	21.148	.0	1490.9	26228.8 26644.1	4
1980.0	1959.1	2.165	2.028	34.613	27.659	36.771	27.648	52.7	21.253	.ŏ	1491.2	27061.5	.2
2000.0	1978.8	2.145	2.006	34.615	27,663	36.866	27.651	52.4	21.358	.0	1491.4	27480.9	
2050.0	2028.0	2.096	1.954	34.619	27.670	37.101	27.659	51.7	21.618	.ŏ	1492.0	28538.2	1 1.1
2096.0	2073.2	2.065	1.919	34.623	27.676	37.315	27.664	51.2	21.855	.0	1492.7	29521.9	ō

Station 12	22	Latitude	32° 27.	47'N	Longitu	ide 126°	25.47'W	09	May 1991	GMT 9	:32	Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	Delta 10 ⁸ m ³ /kg	Dyn.Ht J/kg	LTR 0/0	SV m/s	m ³ /s ²	N ² 10 ⁶ /s ²
10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 79.7	15.454 15.464 15.459 15.039 14.995 14.922 14.672 14.811 14.909 15.080	15.454 15.462 15.456 15.035 14.989 14.915 14.663 14.800 14.897 15.067	33.38 33.345 33.343 33.309 33.365 33.395 33.379 33.457 33.525 33.611	24.592 24.596 24.596 24.662 24.715 24.754 24.796 24.858 24.887	24.592 24.640 24.684 24.794 24.891 24.975 25.061 25.135 25.211 25.284	24.592 24.596 24.595 24.661 24.713 24.752 24.794 24.824 24.855 24.884	333.6 333.9 327.9 323.2 319.7 316.0 313.4 310.7 308.3	.000 .334 .667 .998 1.323 1.645 1.962 2.276 2.588 2.898	00000000000	1506.8 1507.0 1507.1 1505.9 1506.0 1506.0 1506.0 1506.6 1507.4	.0 1.7 6.6 14.9 26.5 41.3 59.3 80.4 104.6 131.9	.0 .2 32.1 18.0 27.4 59.9 32.0 28.0 30.6 15.5
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0	99.6 109.6 119.5 129.5 139.4 149.4 159.3 169.2 179.2 189.1	14.983 13.346 11.708 10.321 10.173 9.601 9.494 9.355 9.111 9.023	14.969 13.331 11.693 10.306 10.157 9.584 9.477 9.337 9.092 9.002	33.621 33.486 33.377 33.313 33.393 33.377 33.417 33.468 33.582 33.680	24.916 25.155 25.387 25.583 25.671 25.754 25.803 25.865 25.993 26.084	25.357 25.924 26.169 26.302 26.432 26.526 26.634 26.808 26.945	24.913 25.152 25.384 25.581 25.669 25.751 25.800 25.862 25.990 26.081	305.8 283.1 260.9 242.1 233.9 226.1 221.6 215.9 203.8 195.4	3.205 3.501 3.775 4.027 4.266 4.494 4.718 4.936 5.147 5.346	00000000000	1507.3 1501.9 1496.4 1491.5 1491.2 1489.3 1489.1 1488.8 1488.2 1488.2	162.3 195.7 231.9 270.7 312.0 355.6 401.4 449.5 551.7	83.4 265.2 277.5 100.6 141.0 36.4 90.8 30.5 101.0 44.2
200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0	199.1 209.0 218.9 228.9 238.8 248.8 258.7 268.6 278.6 288.5	8.988 8.957 8.918 8.6642 8.584 8.470 8.300 8.166 8.016	8.966 8.935 8.895 8.783 8.617 8.558 8.443 8.4272 8.138 7.987	33.763 33.821 33.875 33.909 33.960 33.972 33.999 34.016 34.028 34.025	26.155 26.205 26.254 26.298 26.364 26.382 26.421 26.460 26.490 26.510	27.060 27.156 27.250 27.340 27.452 27.515 27.600 27.685 27.761 27.828	26.152 26.202 26.250 26.294 26.360 26.378 26.417 26.456 26.486 26.506	188.9 184.3 179.9 175.9 169.7 168.2 164.6 161.0 158.3 156.4	5.539 5.726 5.908 6.086 6.258 6.427 6.593 6.756 6.916 7.073	00000000000	1488.3 1488.4 1488.5 1488.3 1487.9 1487.9 1487.6 1487.2 1486.8 1486.4	605.8 661.8 719.6 779.2 840.5 903.5 968.2 1034.5 1102.4 1171.9	70.3 38.7 27.9 41.3 19.0 29.9 10.2 12.3 23.7 33.0
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.4 308.4 318.3 328.2 338.1 348.1 358.0 367.9 377.9 387.8	7.920 7.674 7.581 7.374 7.178 7.051 6.942 6.884 6.755 6.761	7.890 7.643 7.550 7.343 7.146 7.018 6.909 6.850 6.720 6.725	34.035 34.025 34.037 34.025 34.017 34.026 34.029 34.036 34.040 34.057	26.532 26.560 26.583 26.603 26.625 26.649 26.667 26.680 26.701 26.713	27.896 27.971 28.040 28.106 28.175 28.246 28.310 28.369 28.437 28.495	26.528 26.556 26.579 26.598 26.620 26.644 26.662 26.675 26.696	154.5 151.9 149.8 148.0 145.9 143.7 142.0 139.0 138.0	7.228 7.382 7.532 7.681 7.829 7.973 8.116 8.258 8.398 8.536	0000000000	1486.2 1485.4 1485.3 1484.6 1484.0 1483.7 1483.4 1483.4 1483.0 1483.2	1242.9 1315.5 1389.5 1465.1 1542.1 1620.5 1700.4 1781.6 1864.3 1948.3	15.1 20.4 23.6 17.7 22.3 12.6 15.3 20.5 16.4 31.6
400.0 410.0 420.0 430.0 440.0 450.0 460.0 470.0 480.0 490.0	397.7 407.6 417.5 427.5 437.4 447.3 457.2 467.2 477.1 487.0	6.663 6.732 6.691 6.614 6.503 6.387 6.333 6.255 6.137	6.626 6.695 6.653 6.575 6.463 6.346 6.292 6.214 6.095 5.998	34.069 34.099 34.111 34.110 34.114 34.126 34.128 34.134 34.139 34.140	26.736 26.751 26.765 26.775 26.793 26.817 26.827 26.841 26.861 26.873	28.564 28.623 28.684 28.740 28.804 28.875 28.931 28.992 29.058 29.117	26.731 26.746 26.760 26.770 26.788 26.812 26.821 26.836 26.855 26.868	135.9 134.7 133.5 132.6 131.0 128.7 127.9 126.6 124.8 123.6	8.673 8.808 8.942 9.075 9.207 9.337 9.465 9.719 9.843	0000000000	1483.0 1483.5 1483.4 1483.1 1482.8 1482.8 1482.6 1482.3 1482.1	2033.7 2120.5 2208.6 2298.0 2388.7 2480.7 2573.9 2668.5 2764.3 2861.3	13.5 20.8 6.2 16.4 14.7 18.4 124.9 20.5 20.2
500.0 510.0 520.0 530.0 540.0 550.0 560.0 570.0 580.0 590.0	496.9 506.8 516.8 526.7 536.5 556.4 576.3 576.3	5.932 5.906 5.858 5.787 5.750 5.670 5.615 5.570 5.486 5.399	5.889 5.862 5.814 5.742 5.704 5.623 5.568 5.522 5.437 5.350	34.149 34.156 34.167 34.170 34.177 34.185 34.196 34.201 34.210 34.224	26.895 26.903 26.918 26.929 26.939 26.955 26.971 26.981 26.998 27.020	29.185 29.240 29.300 29.358 29.414 29.477 29.539 29.595 29.659 29.728	26.889 26.897 26.912 26.924 26.934 26.949 26.965 26.975 26.992 27.014	121.6 120.9 119.6 118.6 117.7 116.3 114.8 114.0 112.4 110.3	9.965 10.087 10.207 10.326 10.444 10.561 10.677 10.791 10.904 11.016		1481.8 1481.9 1481.9 1481.8 1481.6 1481.6 1481.6 1481.6 1481.4	2959.5 3059.0 3159.6 3261.4 3364.4 3468.5 3573.8 3680.2 3787.8 3896.4	12.5 12.2 11.4 4.6 8.4 4.9 24.2 11.0 28.3 20.4
600.0 610.0 620.0 630.0 640.0 650.0 660.0 670.0 680.0 690.0	596.1 606.0 615.9 625.8 635.7 645.6 655.5 665.4 675.3 685.3	5.343 5.300 5.229 5.195 5.159 5.114 5.073 5.027 4.981	5.293 5.250 5.178 5.143 5.107 5.061 5.019 4.972 4.926 4.890	34.232 34.243 34.253 34.258 34.263 34.270 34.278 34.287 34.287 34.305	27.033 27.046 27.063 27.070 27.079 27.089 27.101 27.114 27.127 27.137	29.787 29.847 29.910 29.964 30.075 30.132 30.192 30.252 30.308	27.027 27.040 27.057 27.064 27.072 27.083 27.094 27.107 27.121 27.131	109.1 108.0 106.4 105.8 105.1 104.1 103.1 101.9 100.7 99.8	11.125 11.234 11.341 11.447 11.552 11.657 11.761 11.863 11.964 12.064	0000000000	1481.2 1481.1 1481.1 1481.1 1481.1 1481.1 1481.1 1481.1 1481.1	4006.2 4117.0 4228.9 4341.8 455.8 4570.8 4686.8 4803.8 4921.9 5040.9	16.0 21.0 13.1 4.3 6.6 11.6 10.1 13.9 12.5 12.8
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.909 4.875 4.807 4.779 4.762 4.663 4.583 4.531 4.517 4.509	4.853 4.818 4.750 4.721 4.704 4.604 4.523 4.471 4.456 4.448	34.313 34.316 34.326 34.335 34.335 34.338 34.338 34.338 34.342 34.351	27.147 27.154 27.164 27.173 27.182 27.196 27.204 27.213 27.222 27.233	30.365 30.417 30.474 30.529 30.584 30.645 30.700 30.757 30.811 30.867	27.141 27.148 27.157 27.167 27.175 27.189 27.197 27.206 27.215 27.226	98.9 98.3 97.4 96.6 95.9 94.7 92.8 92.1 91.2	12.164 12.263 12.361 12.458 12.554 12.649 12.743 12.836 12.929 13.020	0000000000	1481.2 1481.1 1481.1 1481.2 1481.0 1480.8 1480.8 1480.9 1481.1	5160.9 5281.9 5403.9 5526.8 5650.6 5775.5 5901.2 6027.8 6155.4 6283.9	11.6 14.5 5.7 9.9 17.2 18.9 15.1 4.0 9.8 9.6
800.0 810.0 820.0 830.0 840.0 850.0 860.0 870.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.498 4.468 4.383 4.384 4.267 4.218 4.158 4.135 4.130 4.081	4.436 4.405 4.320 4.203 4.153 4.093 4.069 4.063 4.014	34.367 34.379 34.375 34.383 34.373 34.375 34.378 34.382 34.386 34.390	27.236 27.250 27.256 27.262 27.267 27.274 27.282 27.287 27.292 27.300	30.917 30.977 31.030 31.081 31.135 31.188 31.243 31.295 31.345 31.400	27.230 27.243 27.249 27.255 27.260 27.267 27.275 27.280 27.285 27.293	90.9 89.7 89.1 88.6 88.0 87.4 86.6 86.1 85.8	13.111 13.201 13.291 13.380 13.468 13.556 13.643 13.729 13.815 13.901	.0000000000	1481.2 1481.2 1481.0 1481.2 1480.8 1480.8 1480.8 1480.8 1480.8	6413.3 6543.5 6674.7 6806.7 6939.6 7073.3 7207.9 7343.4 7479.7 7616.8	8.1 5.2 6.6 6.3 10.1 4.6 5.2 7.8
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.5 962.5 972.3 982.2	4.063 4.039 4.011 3.989 3.948 3.923 3.903 3.883 3.885 3.861	3.995 3.970 3.942 3.920 3.878 3.852 3.832 3.810 3.783 3.787	34.404 34.410 34.415 34.421 34.426 34.430 34.436 34.440 34.451	27.308 27.315 27.323 27.329 27.338 27.345 27.350 27.357 27.363 27.371	31.454 31.508 31.561 31.614 31.670 31.723 31.773 31.827 31.879 31.933	27.301 27.309 27.316 27.322 27.331 27.338 27.342 27.350 27.356 27.364	84.3 83.6 83.0 82.5 81.6 81.6 79.9 79.4 78.7	13.985 14.069 14.152 14.235 14.317 14.398 14.479 14.560 14.639 14.718		1481.0 1481.1 1481.2 1481.3 1481.3 1481.4 1481.5 1481.5	7754.8 7893.6 8033.2 8173.7 8314.9 8457.0 85943.4 8887.9 9033.1	4.3 4.9 10.4 6.3 3.7 16.3 6.4 7.3

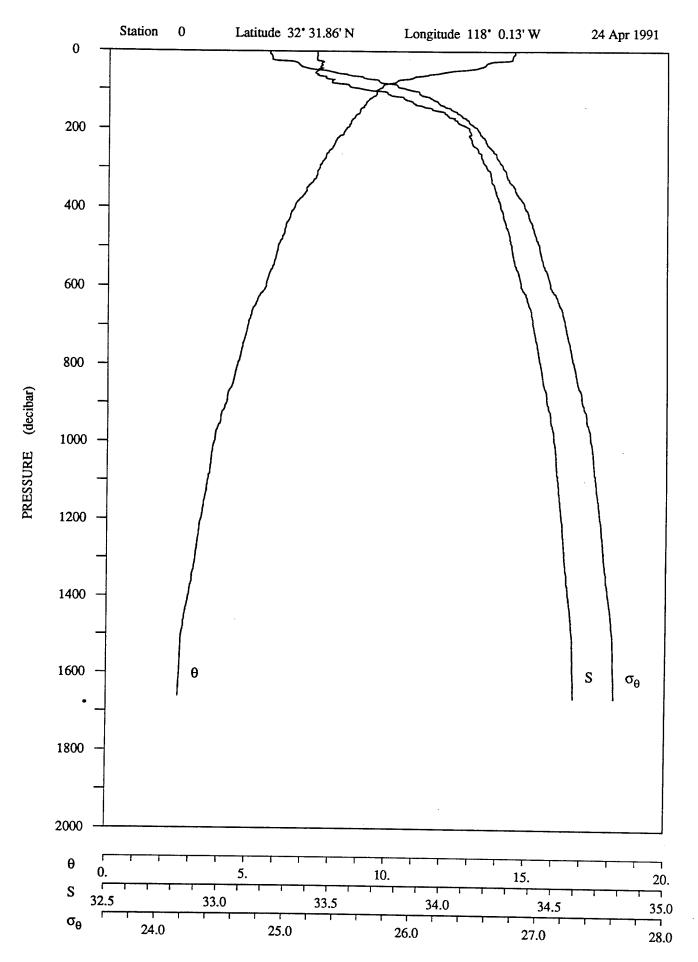
Station 1	22	Latitude	32° 27.	47'N	Longitu	de 126°	25.47'W	09	May 1991	GMT	9:32	Bottom	4410 m
Pres.	Depth	Temp.	Pot.T.	Sal	Sigma -0	Sigma-z	Sigma-t	Delta	Dyn.Ht	LTR	sv	TF	N ²
đb	m	°c	.c	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /kg	J/kg	0/0	m/s	m^3/s^2	$10^{6}/s^{2}$
1000.0	992.1	3.832	3.757	34.455	27.378	31.985	27.370	78.1	14.797	.0	1481.8	9179.0	4.0
1020.0 1040.0	1011.9 1031.7	3.784 3.745	3.708 3.668	34.459	27.386	32.086	27.378	77.5	14.952	.0	1481.9	9473.2	5.5
1060.0	1051.4	3.698	3.620	34.468 34.477	27.396 27.408	32.189 32.293	27.389	76.5	15.106	٠.		9770.5	8.4
1080.0	1071.2	3.657	3.577	34.482	27.417	32.394	27.401 27.409	75.5 74.8	15.259 15.409	.0		10070.7 10373.9	5.2 4.4
1100.0	1091.0	3.596	3.515	34.489	27.428	32.498	27.420	73.7	15.557	.ŏ		10680.1	7.3
1120.0 1140.0	1110.8 1130.5	3.556	3.474	34.493	27.436	32.597	27.428	73.1	15.704	.0	1482.7	10989.1	3.2
1160.0	1150.3	3.516 3.475	3.433 3.391	34.497 34.502	27.443 27.451	32.696 32.797	27.435	72.5	15.850	.0	1482.8	11301.0	7.0
1180.0	1170.1	3.433	3.347	34.505	27.458	32.896	27.443 27.449	71.7 71.1	15.993 16.136	.0		11615.7 11933.2	1.2 1.8
1200.0	1189.8	3.373	3.286	34.507	27.465	-							
1220.0	1209.6	3.328	3.240	34.514	27.475	32.996 33.099	27.456 27.467	70.5 69.5	16.278 16.418	.0		12253.4 12576.5	4.4
1240.0	1229.3	3.295	3.205	34.518	27.481	33.197	27.473	69.0	16.557	.ŏ	1483.6	12902.2	9.7 4.4
1260.0	1249.1	3.263	3.172	34.521	27.487	33,294	27.478	68.6	16.694	.ŏ		13230.7	3.6
1280.0 1300.0	1268.9 1288.6	3.217 3.157	3.125	34.525	27.494	33.394	27.486	67.8	16.831	.0	1483.9	13561.8	5.0
1320.0	1308.4	3.112	3.064 3.017	34.530 34.535	27.504 27.512	33.497 33.597	27.495	66.9	16.966	.0		13895.6	10.6
1340.0	1328.1	3.067	2.972	34.535	27.517	33.694	27.504 27.508	66.1 65.7	17.099 17.231	.0	1484.1 1484.3	14232.0 14570.9	6.2 3.9
1360.0	1347.8	3.029	2.932	34.542	27.526	33.796	27.517	64.9	17.361	.ŏ		14912.5	4.2
1380.0	1367.6	2.987	2.889	34.544	27.531	33.894	27.523	64.4	17.491	.0		15256.5	2.4
1400.0	1387.3	2.957	2.858	34.548	27.537	33.991	27.528	63.9	17.619	.0	1484.8	15603.1	3.3
1420.0 1440.0	1407.1 1426.8	2.930	2.830	34.550	27.541	34.087	27.532	63.5	17.747	.0	1485.0	15952.2	1.9
1460.0	1446.6	2.901 2.843	2.799 2.740	34.552 34.553	27.546 27.552	34.184 34.283	27.537	63.1	17.873	.0	1485.3	16303.7	8.9
1480.0	1466.3	2.804	2.700	34.555	27.557	34.283	27.543 27.548	62.5 62.0	17.999 18.123	.0	1485.3 1485.5	16657.7 17014.1	4.2
1500.0	1486.0	2.771	2.666	34.558	27.562	34.477	27.553	61.5	18.247	.ŏ	1485.7	17372.9	1 4.8
1520.0	1505.8	2.740	2.633	34.561	27.567	34.574	27,558	61.1	18,369	.ŏ	1485.9	17734.1	.5
1540.0 1560.0	1525.5 1545.2	2.716 2.680	2.608 2.571	34.566 34.569	27.573	34.672	27.564	60.6	18.491	.0	1486.1	18097.7	5.5
1580.0	1564.9	2.643	2.533	34.569	27.579 27.585	34.769 34.867	27.569 27.575	60.0 59.5	18.612 18.731	٠,٥	1486.3	18463.7	4.3
1600.0	1584.7					-			-	.0	1486.5	18832.0	6.7
1620.0	1604.4	2.619 2.596	2.507 2.483	34.574 34.576	27.589 27.592	34.963 35.058	27.579 27.583	59.1	18.850	.0	1486.7	19202.6	1
1640.0	1624.1	2.560	2.445	34.579	27.598	35.156	27.588	58.8 58.3	18.968 19.085	.0	1487.0 1487.1	19575.5 19950.7	4.3
1660.0	1643.8	2.517	2.401	34.581	27.604	35.254	27.594	57.7	19.201	.ŏ	1487.3	20328.1	7.0
1680.0	1663.5	2.499	2.382	34.583	27.606	35.348	27.596	57.5	19.316	.ŏ	1487.6	20707.8	3.5
1700.0 1720.0	1683.2 1702.9	2.476 2.444	2.358	34.585	27.610	35.444	27.601	57.1	19.431	.0	1487.8	21089.7	1.2
1740.0	1722.7	2.418	2.325 2.297	34.588 34.590	27.615 27.620	35.540 35.636	27.605	56.7	19.544	٠,٥	1488.0	21473.8	3
1760.0	1742.4	2.397	2.275	34.592	27.622	35.730	27.610 27.612	56.2 56.0	19.657 19.769	.0	1488.2 1488.5	21860.1 22248.6	4.1
1780.0	1762.1	2.372	2.248	34.594	27.626	35.826	27.616	55.7	19.881	.ŏ	1488.7	22639.2	1.2 2.4
1800.0	1781.8	2.343	2.218	34.596	27.631	35.922	27.620	55.2	19.992	.0	1488.9	23032.1	2.1
1820.0	1801.5	2.324	2.198	34.596	27.632	36.015	27.622	55.1	20.102	.ŏ	1489.2	23427.0	2.1
1840.0 1860.0	1821.2 1840.9	2.292	2.165	34.600	27.638	36.113	27.628	54.5	20.212	.0	1489.4	23824.1	1.0
1880.0	1860.6	2.267 2.247	2.138 2.117	34.602 34.604	27.642 27.645	36.207	27.631	54.2	20.320	.0	1489.6	24223.3	1.6
1900.0	1880.3	2.234	2.102	34.605	27.647	36.302 36.395	27.635 27.637	53.9 53.7	20.429 20.536	٠.	1489.8 1490.1	24624.6	1.3
1920.0	1899.9	2.209	2.076	34.607	27.651	36.490	27.640	53.4	20.536	.0	1490.1	25028.0 25433.4	1.6 3.4
1940.0 1960.0	1919.6	2.194	2.059	34.609	27.653	36.584	27.643	53.2	20.750	.0	1490.6	25841.0	1.3
1980.0	1939.3 1959.0	2.174 2.151	2.039 2.014	34.611 34.613	27.657	36.678	27.646	52.8	20.856	.0	1490.9	26250.5	4.3
2000.0	1978.7				27.661	36.774	27.650	52.5	20.961	.0	1491.1	26662.1	3.1
2050.0	2027.9	2.132 2.080	1.993 1.938	34.615 34.619	27.664 27.672	36.868 37.103	27.653 27.660	52.2 51.4	21.066	.0	1491.4	27075.8	2.8
2098.0	2075.1	2.039	1.893	34.624	27.678	37.328	27.667	50.8	21.325 21.570	.0	1492.0 1492.6	28118.7 29131.5	1.4
											1776.0	-3131.3	.0

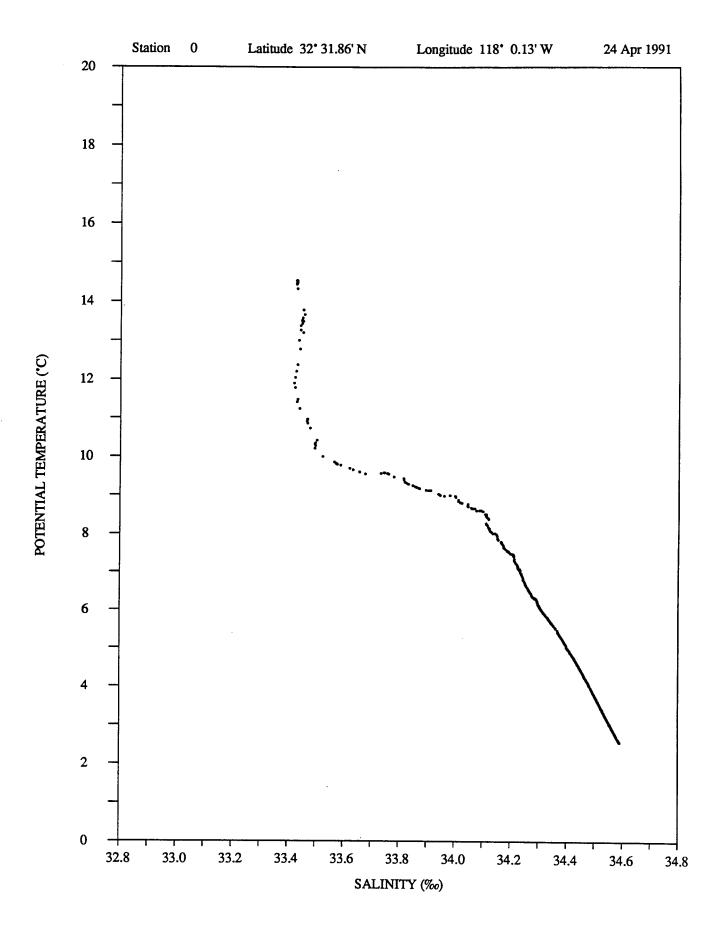
Station 1	23	Latitude	32° 30.	00'N	Longitu	ide 126°	00.06'W	09	May 1991			Bottom	
Pres. db	Depth m	Temp.	Pot.T.	Sal 0/00	Sigma-0 kg/m ³	Sigma-z kg/m ³	Sigma-t kg/m ³	$10^8 \text{m}^3/\text{kg}$	-	LTR 0/0	sv m/s	m ³ /s ²	N ² 10 ⁶ /s ²
.0 10.0 20.0 30.0 40.0 50.0 60.0 80.0 90.0	.0 10.0 19.9 29.9 39.8 49.8 59.8 69.7 79.7	15.190 15.189 15.191 15.196 15.177 14.860 14.764 14.866 14.966 15.093	15.190 15.188 15.188 15.192 15.171 14.853 14.755 14.855 14.954 15.080	33.266 33.289 33.290 33.292 33.305 33.352 33.371 33.475 33.542 33.609	24.595 24.613 24.614 24.629 24.770 24.829 24.858 24.883	24.595 24.657 24.702 24.747 24.805 24.955 25.035 25.138 25.211 25.279	24.595 24.612 24.613 24.627 24.732 24.768 24.826 24.856 24.880	333.3 332.0 332.2 332.4 331.3 321.6 318.5 313.2 310.7 308.7	.000 .333 .665 .997 1.329 1.654 1.974 2.289 2.601 2.911	0000000000	1505.9 1506.1 1506.2 1506.4 1506.5 1505.7 1505.6 1506.2 1506.8	.0 1.7 6.6 14.9 26.5 41.4 59.4 80.7 105.0 132.5	.0 4.8 -1.6 -2.5 121.7 42.6 51.1 28.0 12.2 16.9
100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0	99.6 109.6 119.5 129.5 139.4 149.3 169.3 179.2 189.1	15.085 13.969 11.569 10.926 10.523 10.266 9.521 9.209 8.981 8.827	15.070 13.953 11.554 10.910 10.507 10.249 9.503 9.191 8.962 8.807	33.627 33.467 33.180 33.213 33.312 33.379 33.424 33.517 33.570 33.641	24.899 25.013 25.259 25.400 25.549 25.644 25.804 25.927 26.005 26.084	25.340 25.500 25.796 25.984 26.178 26.320 26.527 26.696 26.820 26.945	24.896 25.009 25.256 25.397 25.546 25.641 25.801 25.924 26.002 26.081	307.4 296.7 273.0 259.6 245.7 236.7 221.6 210.0 202.7 195.3	3.219 3.524 3.803 4.070 4.320 4.561 4.791 5.006 5.212 5.412	0000000000	1507.6 1504.0 1495.6 1493.6 1492.4 1491.7 1489.2 1488.3 1487.7	163.0 196.6 233.0 272.2 314.0 358.1 404.7 453.4 504.2 557.0	21.9 466.5 63.7 187.1 67.9 54.1 135.4 165.2 62.1 98.7
200.0 210.0 220.0 230.0 240.0 250.0 270.0 280.0 290.0	199.1 209.0 218.9 228.9 238.8 248.8 258.7 268.6 278.6 288.5	8.607 8.544 8.357 8.391 8.270 8.044 7.932 7.865 7.790 7.685	8.586 8.523 8.334 8.367 8.245 8.019 7.907 7.838 7.762 7.656	33.705 33.735 33.856 33.907 33.938 33.979 33.979 33.979 33.992 34.014 34.017	26.169 26.202 26.325 26.361 26.403 26.469 26.507 26.534 26.552	27.076 27.155 27.324 27.404 27.493 27.606 27.668 27.735 27.808 27.872	26.166 26.199 26.322 26.357 26.400 26.466 26.482 26.503 26.530 26.548	187.4 184.4 172.8 169.7 165.8 159.6 158.2 156.4 153.9 152.3	5.604 5.790 5.968 6.139 6.307 6.470 6.629 6.787 6.942 7.095	00000000000	1486.8 1486.4 1486.7 1486.5 1485.8 1485.6 1485.5 1485.4 1485.1	611.8 668.4 726.8 787.0 848.8 912.3 977.3 1044.0 1112.2 1181.9	120.9 29.8 125.8 34.5 74.3 69.3 3.7 31.2 30.6 22.4
300.0 310.0 320.0 330.0 340.0 350.0 360.0 370.0 380.0	298.4 308.4 318.3 328.2 338.1 348.1 358.0 367.9 377.9 387.8	7.595 7.370 7.241 7.296 7.176 7.050 6.925 6.808 6.749 6.695	7.565 7.340 7.210 7.264 7.144 7.017 6.891 6.774 6.714 6.660	34.050 34.040 34.049 34.087 34.091 34.100 34.100 34.104 34.113	26.592 26.615 26.641 26.663 26.706 26.725 26.740 26.752 26.767	27.957 28.028 28.100 28.167 28.233 28.302 28.368 28.430 28.488 28.548	26.587 26.611 26.636 26.659 26.678 26.701 26.720 26.736 26.747 26.762	148.7 146.5 144.1 142.2 140.4 138.3 136.6 135.2 134.2 132.9	7.245 7.393 7.538 7.681 7.823 7.962 8.100 8.235 8.370 8.504	00000000000	1485.0 1484.3 1484.0 1484.4 1484.1 1483.8 1483.4 1483.1 1483.1	1253.1 1325.7 1399.9 1475.4 1552.4 1630.8 1710.5 1791.6 1874.0 1957.7	27.9 29.7 14.4 23.2 17.6 34.0 6.8 1.2 23.1
400.0 410.0 420.0 430.0 440.0 450.0 470.0 480.0 490.0	397.7 407.6 417.5 427.5 437.4 447.3 457.2 467.1 477.1 487.0	6.571 6.493 6.411 6.348 6.197 6.055 5.933 6.054 5.993 5.917	6.535 6.456 6.373 6.310 6.159 6.016 5.894 6.013 5.951 5.875	34.114 34.123 34.127 34.126 34.112 34.114 34.114 34.145 34.152 34.153	26.784 26.795 26.812 26.823 26.845 26.850 26.866 26.866 26.889 26.899	28.612 28.670 28.733 28.791 28.857 28.911 28.975 29.028 29.088 29.145	26.779 26.791 26.807 26.819 26.837 26.845 26.861 26.871 26.884 26.894	131.3 130.3 128.8 127.8 126.0 125.3 123.7 123.1 122.0 121.0	8.636 8.767 8.896 9.024 9.151 9.277 9.401 9.525 9.648 9.769	0000000000	1482.7 1482.6 1482.4 1482.3 1481.5 1481.5 1481.1 1481.8 1481.8	2042.8 2129.1 2216.8 2305.7 2395.8 2487.2 2579.9 2673.8 2768.9 2865.2	7.0 12.3 11.4 26.0 13.4 11.6 7.3 27.5 5.8
500.0 510.0 520.0 530.0 550.0 560.0 570.0 580.0	496.9 506.8 516.7 526.7 536.6 546.4 566.3 576.2 586.2	5.776 5.732 5.619 5.402 5.309 5.274 5.262 5.211 5.165 5.142	5.734 5.688 5.575 5.358 5.264 5.229 5.217 5.118 5.094	34.157 34.159 34.160 34.146 34.143 34.156 34.179 34.187 34.194 34.204	26.920 26.927 26.942 26.957 26.965 26.979 26.999 27.012 27.022 27.033	29.212 29.266 29.328 29.391 29.447 29.507 29.573 29.632 29.688 29.745	26.914 26.922 26.936 26.951 26.960 26.974 26.994 27.007 27.017 27.028	119.1 118.5 117.1 115.5 114.7 113.5 111.7 110.5 109.6 108.7	9.889 10.008 10.126 10.242 10.357 10.471 10.584 10.695 10.805	0000000000	1481.2 1481.2 1480.9 1480.2 1480.0 1480.0 1480.1 1480.1 1480.1	2962.7 3061.3 3161.2 3262.2 3364.3 3467.6 3571.9 3677.4 3784.0 3891.6	6.6 16.9 3.1 8.6 11.5 27.4 15.4 9.2 6.3
600.0 610.0 620.0 630.0 640.0 650.0 670.0 680.0 690.0	596.1 606.0 615.9 625.8 635.7 645.5 665.4 675.3 685.3	5.141 5.094 5.045 4.933 4.862 4.818 4.944 4.969 4.918 4.875	5.092 5.045 4.995 4.883 4.812 4.767 4.892 4.915 4.864 4.820	34.211 34.224 34.231 34.228 34.231 34.246 34.276 34.299 34.305 34.303	27.039 27.055 27.066 27.076 27.087 27.104 27.113 27.130 27.140 27.143	29.797 29.859 29.917 29.974 30.032 30.095 30.148 30.209 30.266 30.315	27.034 27.049 27.061 27.071 27.081 27.098 27.107 27.124 27.134 27.137	108.2 106.8 105.8 104.8 103.8 102.2 101.7 100.3 99.4 99.1	11.023 11.130 11.237 11.342 11.446 11.549 11.651 11.752 11.852 11.951	0000000000	1480.3 1480.3 1480.0 1479.9 1479.9 1480.6 1480.9 1480.9	4000.4 4110.2 4221.0 4332.9 4445.8 4559.8 4674.7 4790.6 4907.6 5025.5	13.9 3.1 15.7 11.2 7.7 4.8 16.8 4.6 -2.5 2.5
700.0 710.0 720.0 730.0 740.0 750.0 760.0 770.0 780.0 790.0	695.2 705.1 715.0 724.9 734.8 744.7 754.6 764.5 774.4 784.3	4.677 4.634 4.625 4.607 4.591 4.567 4.522 4.499 4.498 4.431	4.622 4.579 4.569 4.550 4.534 4.509 4.463 4.439 4.438 4.370	34.289 34.295 34.305 34.312 34.317 34.320 34.330 34.337 34.347 34.350	27.154 27.164 27.173 27.180 27.186 27.192 27.204 27.212 27.220 27.231	30.376 30.432 30.486 30.592 30.643 30.702 30.756 30.810 30.867	27.148 27.158 27.166 27.174 27.180 27.185 27.198 27.206 27.214 27.224	97.8 96.9 96.2 95.6 95.7 94.7 93.5 92.8 92.2	12.050 12.147 12.243 12.340 12.435 12.530 12.624 12.717 12.810 12.901	0000000000	1480.2 1480.3 1480.4 1480.5 1480.6 1480.6 1480.6 1480.8 1480.7	5144.4 5264.2 5385.0 5506.8 5629.5 5753.1 5877.7 6003.1 6129.5 6256.8	2.2 4.5 4.5 2.2 4.8 11.9 13.3 9.5 8.7
800.0 810.0 820.0 830.0 840.0 850.0 860.0 880.0	794.2 804.1 814.0 823.9 833.8 843.7 853.6 863.5 873.4 883.3	4.435 4.473 4.464 4.457 4.413 4.382 4.345 4.303 4.269 4.203	4.373 4.410 4.400 4.392 4.347 4.316 4.278 4.236 4.202 4.135	34.363 34.375 34.381 34.386 34.392 34.394 34.394 34.396 34.398 34.400	27.240 27.246 27.252 27.257 27.266 27.271 27.275 27.281 27.287 27.295	30.922 30.973 31.024 31.075 31.131 31.182 31.232 31.285 31.337 31.392	27.233 27.239 27.245 27.249 27.259 27.264 27.268 27.274 27.279 27.288	90.4 90.1 89.6 89.3 88.0 87.6 87.0 86.5	12.992 13.082 13.172 13.262 13.351 13.439 13.527 13.614 13.701 13.787	0000000000	1480.9 1481.2 1481.4 1481.5 1481.6 1481.6 1481.6 1481.6 1481.6	6385.0 6514.1 6644.1 6774.9 6906.6 7039.2 7172.7 7307.0 7442.2 7578.2	4.0 5.5 6.6 11.3 8.4 5.2 5.2 10.5 4.9
900.0 910.0 920.0 930.0 940.0 950.0 960.0 970.0 980.0	893.2 903.1 913.0 922.9 932.8 942.7 952.5 962.4 972.3 982.2	4.187 4.144 4.087 4.055 4.014 3.986 3.968 3.958 3.944 3.933	4.118 4.075 4.017 3.985 3.943 3.915 3.896 3.885 3.870 3.859	34.400 34.405 34.409 34.411 34.419 34.422 34.425 34.429 34.432 34.438	27.296 27.305 27.315 27.320 27.330 27.335 27.340 27.344 27.348 27.354	31.440 31.495 31.552 31.603 31.660 31.712 31.762 31.812 31.862 31.913	27.289 27.298 27.307 27.312 27.323 27.328 27.332 27.337 27.340 27.346	85.6 84.8 83.9 83.5 82.5 82.0 81.7 81.3 81.0	13.873 13.958 14.042 14.126 14.208 14.291 14.372 14.454 14.535 14.616	0000000000	1481.6 1481.5 1481.5 1481.5 1481.6 1481.7 1481.8 1481.9 1482.0	7715.0 7852.7 7991.3 8130.6 8270.8 8411.8 8553.5 8696.1 8839.5 8983.7	1.7 7.2 1.7 14.3 2.3 1.1 4.9 7.8 4.0

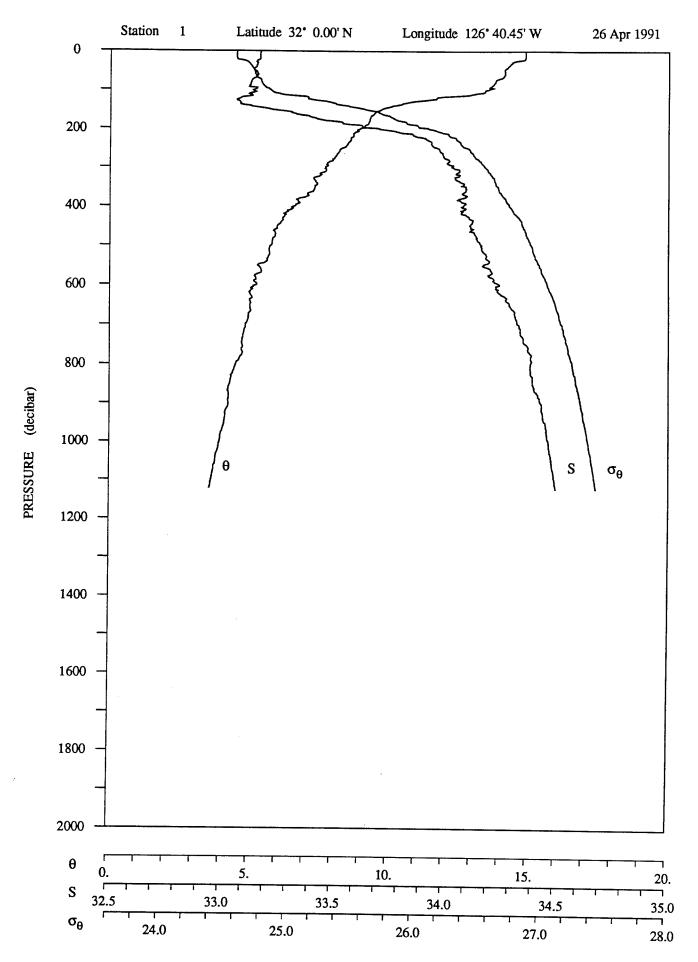
Station	123	Latitude	32 * 30	-00'N	Tonati								
Pres.	Depth	Temp.					" 00.06'W	09	9 May 1991	GMT 1	3:10	Bottom	4260 m
ďb	m	°C	Pot.T.	Sal	Sigma-			Delta	Dyn. Ht	LTR	sv		N ²
1000.0			_	0/00	kg/m ³	kg/m ³	kg/m ³	10 ⁸ m ³ /k	g J/kg	0/0	m/s	TF m ³ /s ²	10 ⁶ /s ²
1020.0	992.1 1011.9	3.891	3.816	34.443	27.362	31.969	27.355		-,,			m-/s-	10-/5-
1040.0	1031.7	3.816	3.740	34.449	27.374	32.074		79.7 78.6	14.696	.0	1482.0	9128.6	9.3
1060.0	1051.4	3.744 3.702	3.667	34.452	27.385	32.177	27.377	77.6	14.854 15.011	.0	1482.1	9420.9	3.8
1080.0	1071.2	3.614	3.624	34.461	27.396	32.280	27.388	76.6	15.165	٠,٥	1482.1	9716.2	2.6
1100.0	1091.0	3.556	3.535 3.476	34.463	27.406	32.384	27.398	75.6	15.317	.0	1482.3 1482.2	10014.6	3.8
1120.0	1110.8	3.484	3.402	34.468 34.471	27.416	32.486		74.8	15.468	.ŏ	1482.3	10316.0	4.3
1140.0	1130.5	3.453	3.371	34.478	27.425	32.589		73.8	15.616	.ŏ	1482.3	10620.3 10927.6	7.0
1160.0	1150.3	3.427	3.343	34.488	27.434 27.444	32.689		73.2	15.763	.ŏ	1482.5	11237.7	2.9 4.1
1180.0	1170.1	3.391	3.306	34.496	27.454	32.792	27.436	72.2	15.908	.0	1482.8	11550.8	4.4
1200.0	1189.8	3.287	2 000			32.894	27.446	71.4	16.052	.0	1483.0	11866.6	4.7
1220.0	1209.6	3.269	3.201 3.181	34.494	27.462	32.996	27.454	70.4	16.194	•			
1240.0	1229.3	3.220	3.132	34.501 34.504	27.470	33.096	27.462	69.8	16.334	.0	1482.8 1483.1	12185.2	5.0
1260.0	1249.1	3.184	3.094	34.504	27.477	33.195	27.469	69.2	16.473	.ŏ	1483.2	12506.6	3.2
1280.0	1268.8	3.142	3.051	34.513	27.483 27.492	33.293	27.474	68.7	16.611	.ŏ	1483.4	12830.7 13157.5	1.5 3.5
1300.0	1288.6	3.111	3.018	34.517	27.492	33.394	27.483	67.9	16.747	.ŏ	1483.6	13487.0	3.5 5.6
1320.0	1308.3	3.073	2.980	34.521	27.505	33.493 33.591	27.490	67.3	16.882	.0	1483.8	13819.1	5
1340.0 1360.0	1328.1 1347.8	3.030	2.934	34.524	27.511	33.690	27.496 27.502	66.7	17.017	.0	1484.0	14153.8	.4
1380.0	1367.6	2.995	2.898	34.528	27.517	33.789	27.509	66.1	17.150	-0	1484.1	14491.2	4.5
		2.953	2.855	34.533	27.525	33.889	27.517	65.6 64.B	17.281	.0	1484.3	14831.1	4.8
1400.0	1387.3	2.920	2.821	34.539	27.533				17.412	.0	1484.5	15173.6	2.4
1420.0	1407.1	2.871	2.771	34.542	27.541	33.988 34.089	27.524	64.1	17.541	.0	1484.7	15518.6	3.0
1440.0 1460.0	1426.8	2.832	2.730	34.546	27.547	34.188	27.532	63.4	17.668	.0	1484.8	15866.1	6.6
1480.0	1446.5	2.789	2.687	34.550	27.554	34.287	27.538 27.545	62.8	17.794	.0	1484.9	16216.1	3.3
1500.0	1466.3 1486.0	2.762	2.658	34.552	27.558	34.383	27.549	62.1	17.919	٠,٥	1485.1	16568.5	.4
1520.0	1505.7	2.725	2.620	34.555	27.564	34.481	27.555	61.8 61.2	18.043	.0	1485.3	16923.4	3.7
1540.0	1525.5	2.698 2.656	2.592	34.557	27.568	34.576	27.559	60.9	18.166 18.288	٠.٥	1485.5	17280.6	1.3
1560.0	1545.2	2.612	2.549	34.559	27.573	34.674	27.563	60.4	18.409	.0	1485.7	17640.2	1
1580.0	1564.9	2.584	2.504	34.560	27.578	34.772	27.569	59.8	18.530	٠.٥	1485.9	18002.2	2.2
1600 0			2.474	34.565	27.585	34.870	27.575	59.2	18.649	.0	1486.0 1486.2	18366.5	3.7
1600.0 1620.0	1584.6	2.560	2.449	34.568	27.588	34.965	22 524				1400.2	18733.2	4.9
1640.0	1604.3	2.526	2.413	34.571	27.594	35.063	27.579 27.584	58.9	18.767	.0	1486.5	19102.2	4.0
1660.0	1624.1 1643.8	2.496	2.383	34.573	27.598	35.159	27.589	58.4 58.0	18.884	.0	1486.7	19473.4	2.6
1680.0	1663.5	2.461	2.346	34.576	27.604	35.257	27.594	57.4	19.001	.0	1486.9	19846.9	3.5
1700.0	1683.2	2.438 2.403	2.322	34.579	27.608	35.353	27.599	57.0	19.116 19.231	.0	1487.1	20222.7	5.5
1720.0	1702.9	2.368	2.286 2.249	34.583	27.614	35.451	27.605	56.4	19.344	٠٥.	1487.3	20600.7	2.3
1740.0	1722.6	2.341	2.221	34.584	27.619	35.547	27.609		19.457	.0	1487.5	20980.9	1.4
1760.0	1742.3	2.319	2.198	34.586 34.587	27.623	35.643	27.613	55.6	19.568	.ŏ	1487.7 1487.9	21363.3	6.4
1780.0	1762.1	2.303	2.181	34.589	27.625 27.628	35.737	27.615	55.4	19.679	.ŏ	1488.1	21747.9 22134.6	5.0
1800.0	1781.8	2 262				35.831	27.618	55.2	19.790	.ŏ	1488.4	22523.4	.9 1.5
1820.0	1801.4	2.263 2.238	2.139	34.593	27.635	35.930	27.625	54.5	19.899				
1840.0	1821.2	2.214	2.113 2.088	34.595	27.638	36.025	27.628		20.008	٠٥.	1488.6	22914.4	3.3
1860.0	1840.8	2.187	2.060	34.598 34.600	27.643	36.121	27.633		20.116	.0	1488.8 1489.0	23307.6	1.2
1880.0	1860.5	2.173	2.044	34.603	27.647 27.650	36.216	27.636	53.3	20.223	:ŏ	1489.0	23702.8 24100.0	٠4
1900.0	1880.2	2.170	2.039	34.606	27.653	36.311	27.640	53.0	20.329	.ŏ	1489.5	24499.4	- .5
1920.0	1899.9	2.156	2.024	34.609	27.657	36.404 36.499	27.642		20.435	.0	1489.8	24900.8	4.2
1940.0 1960.0	1919.6	2.145	2.011	34.610	27.658	36.591	27.646 27.648		20.541	.0	1490.1	25304.2	3.6
	1939.3 1959.0	2.128	1.993	34.611	27.661	36.685	27.650	52.5	20.646	٠.٥	1490.4	25709.7	1.9
		2.109	1.972	34.613	27.664	36.779	27.653		20.750	.0	1490.7	26117.2	2
	1978.7	2.087	1.949	34.615	27.668				20.854	.0	1490.9	26526.7	.5
2050.0 2096.0	2027.9	2.044	1.902	34.621	27.676	36.874 37.109	27.657		20.958	.0	1491.2	26938.2	1.4
2030.0	2073.1	2.001	1.856	34.624	27.682	37.325	27.665 27.671		21.214	.0	1491.8	27975.7	1.1
								50.3	21.447	.0	1492.4	28941.1	0

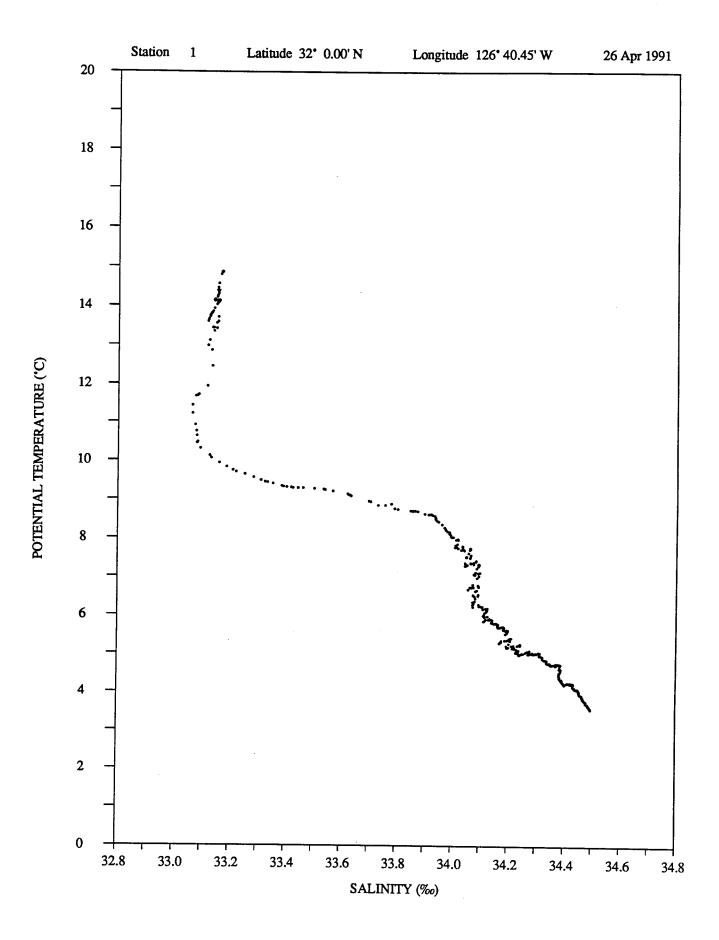
 θ ,S, σ_{θ} Profiles

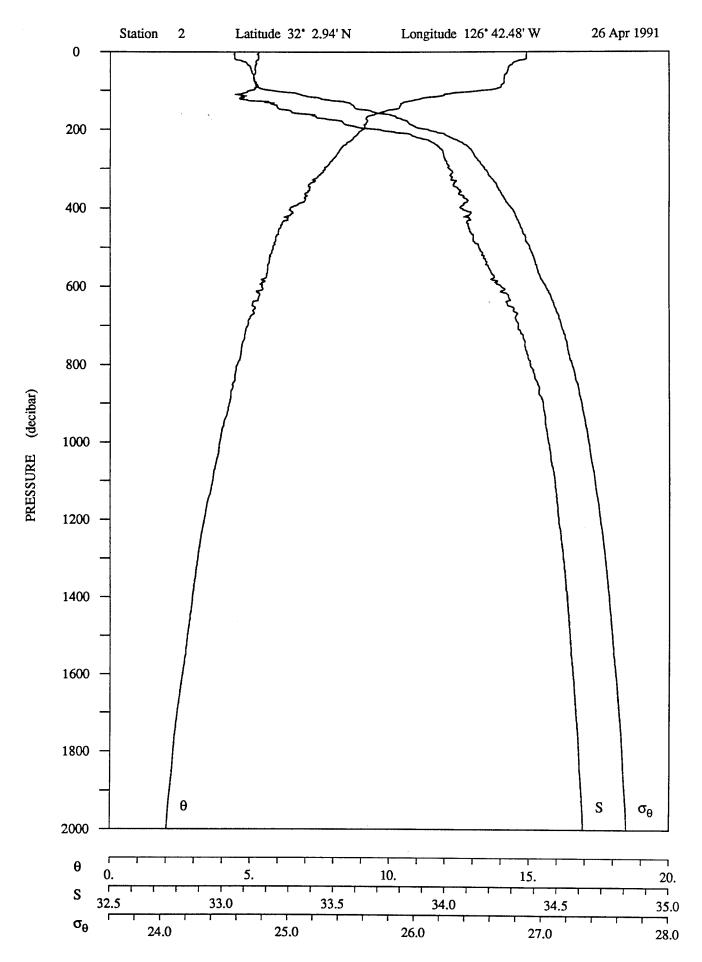
θ-S Diagrams

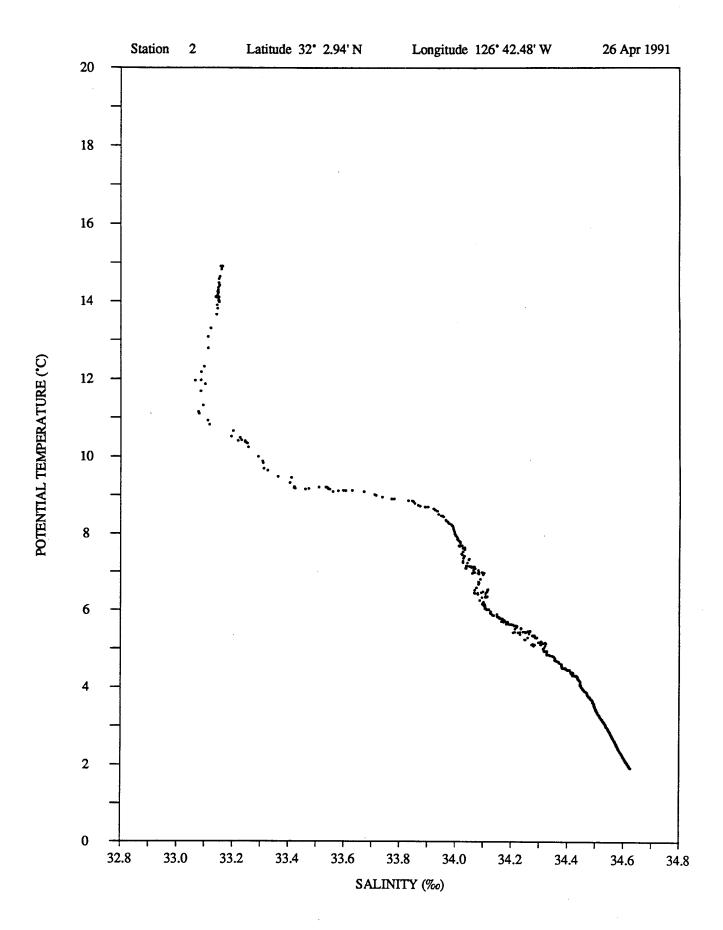


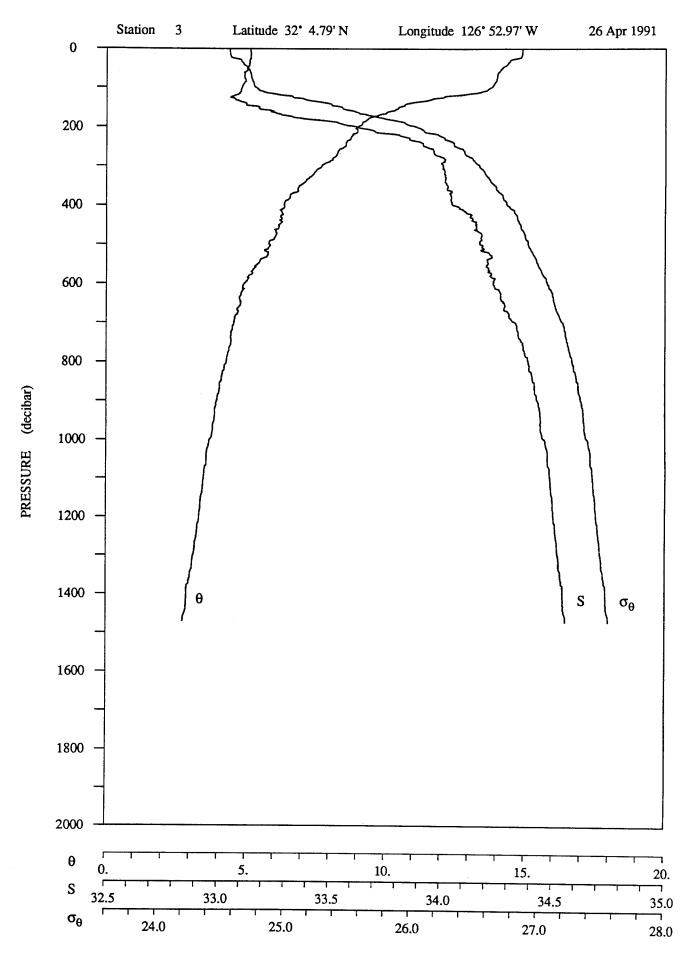


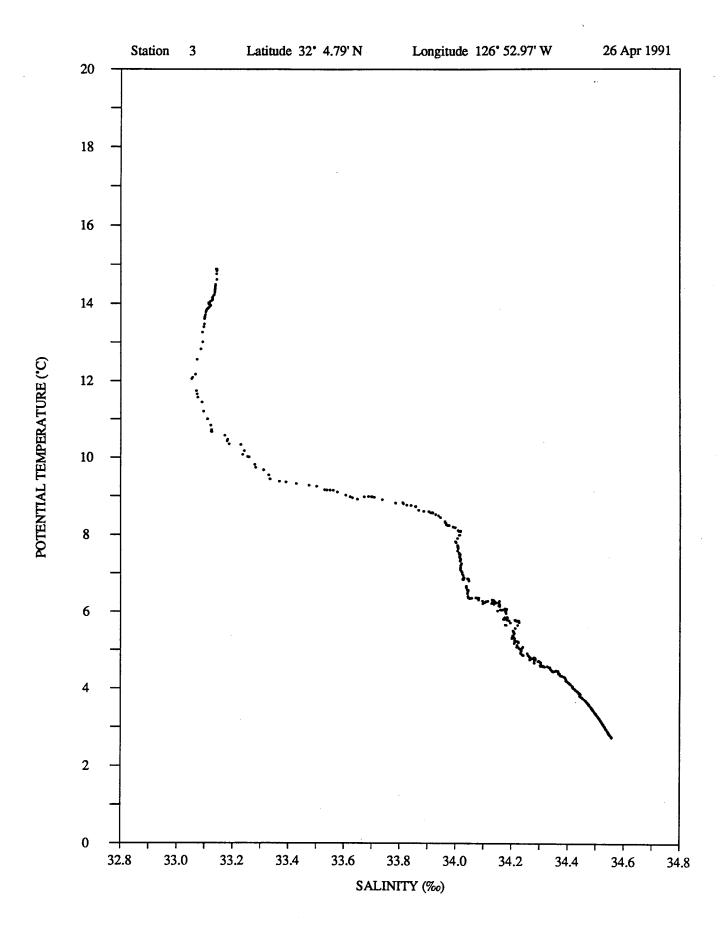


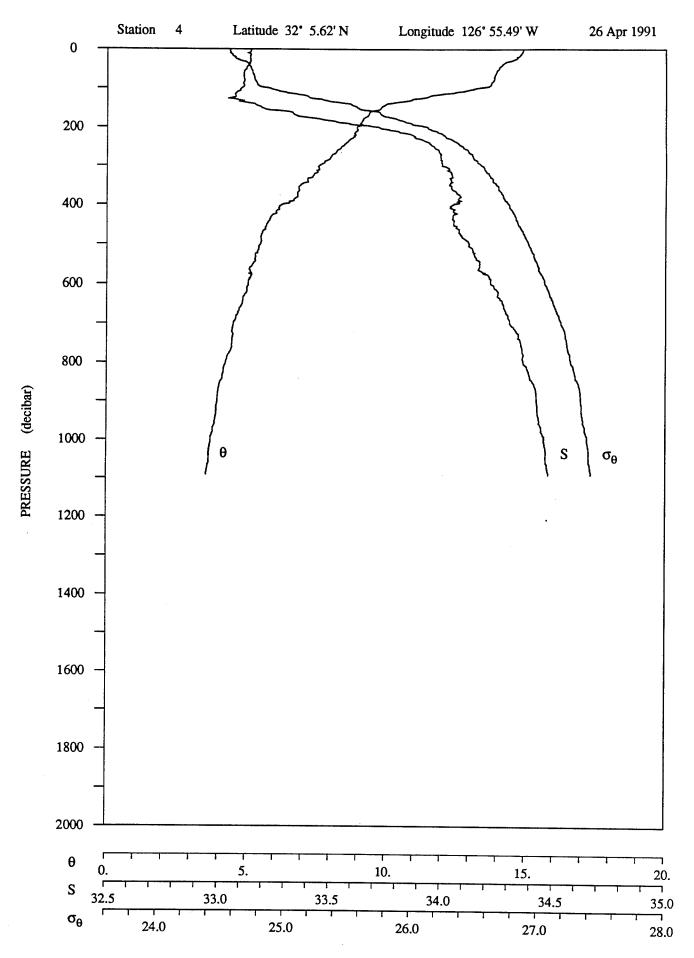


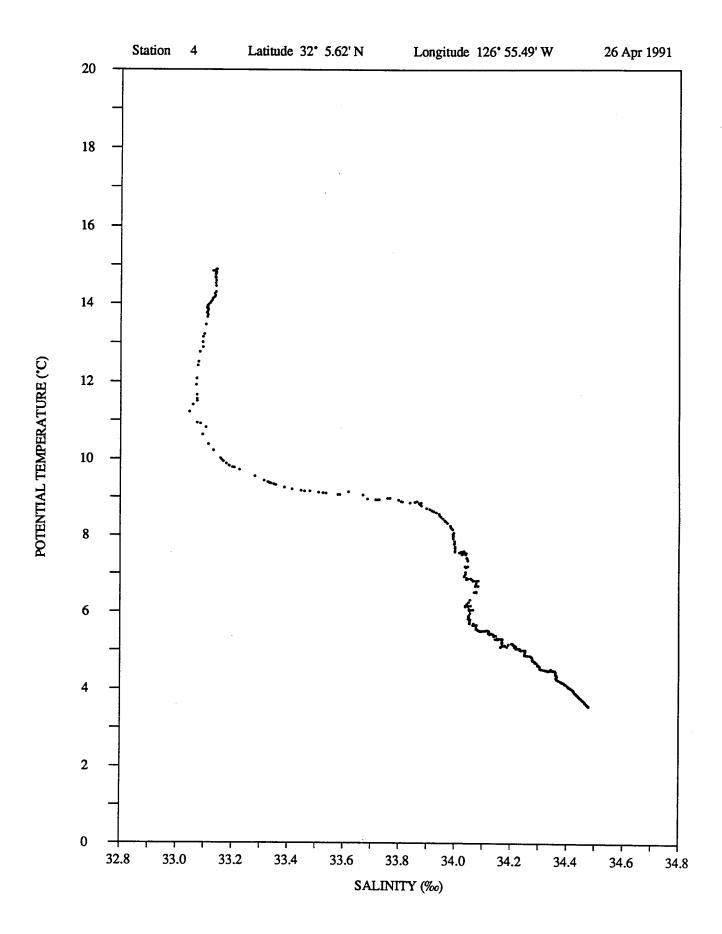


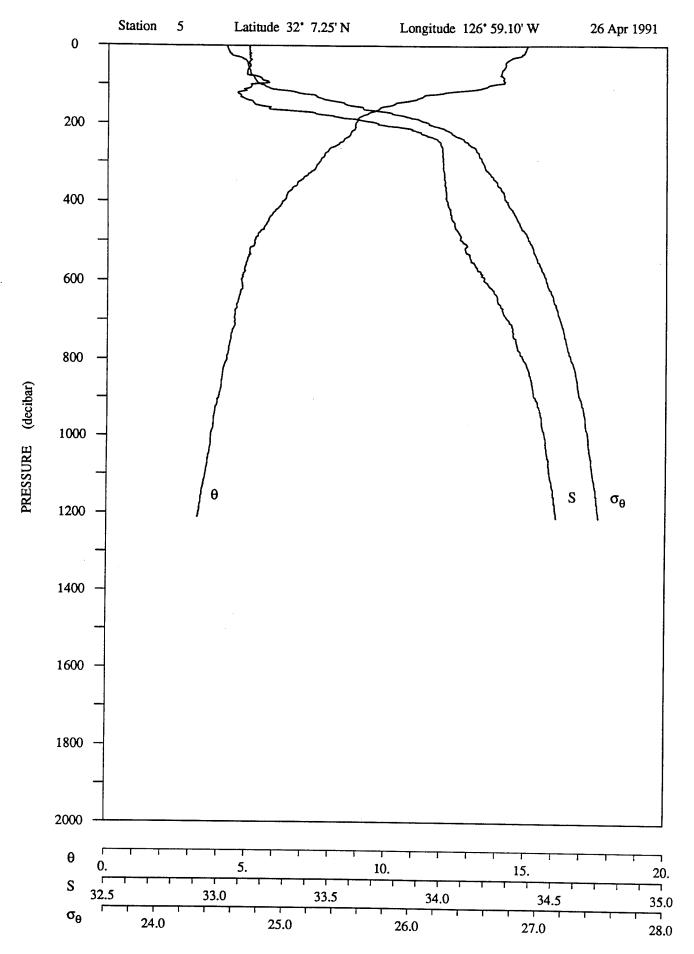


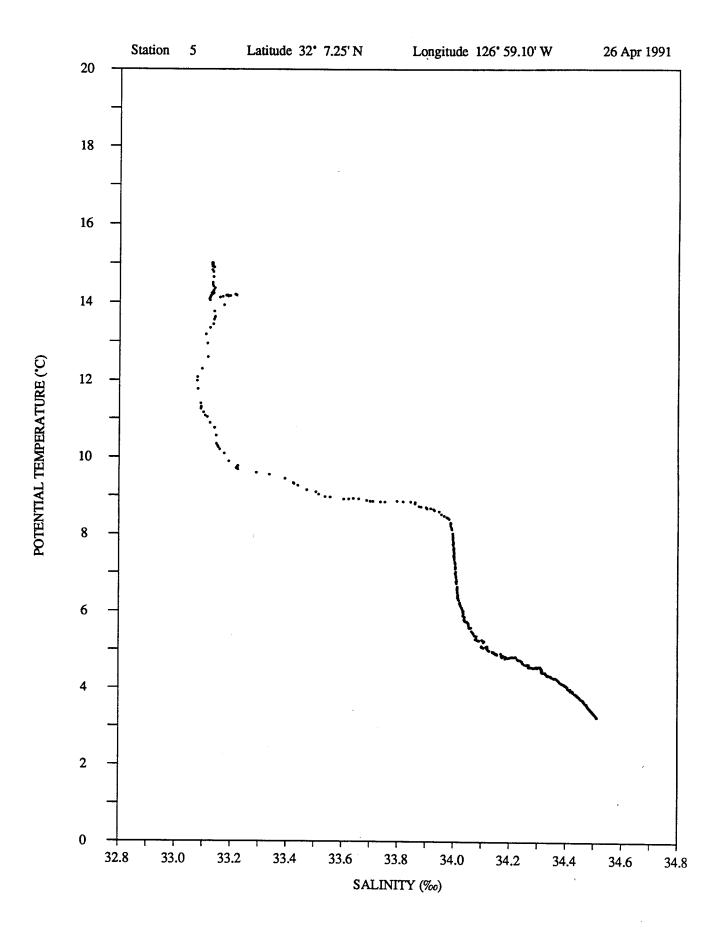


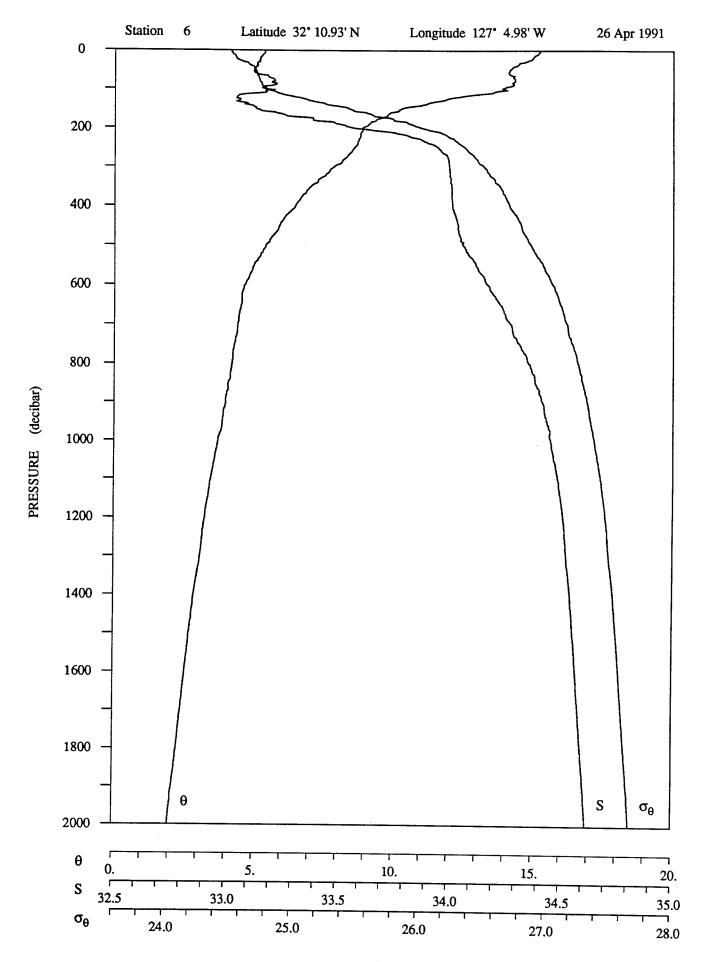


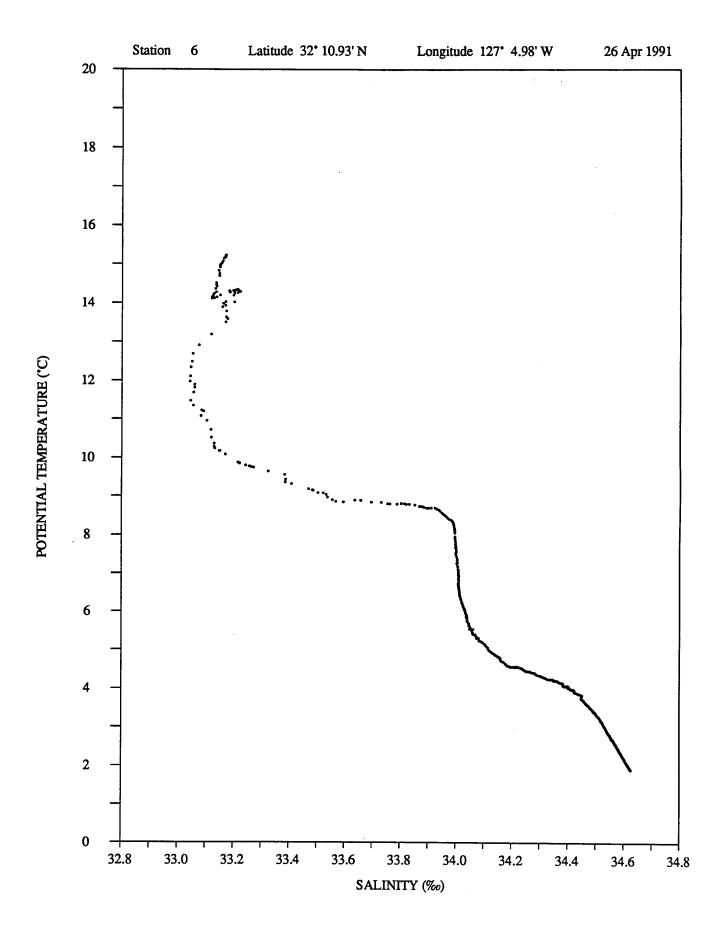


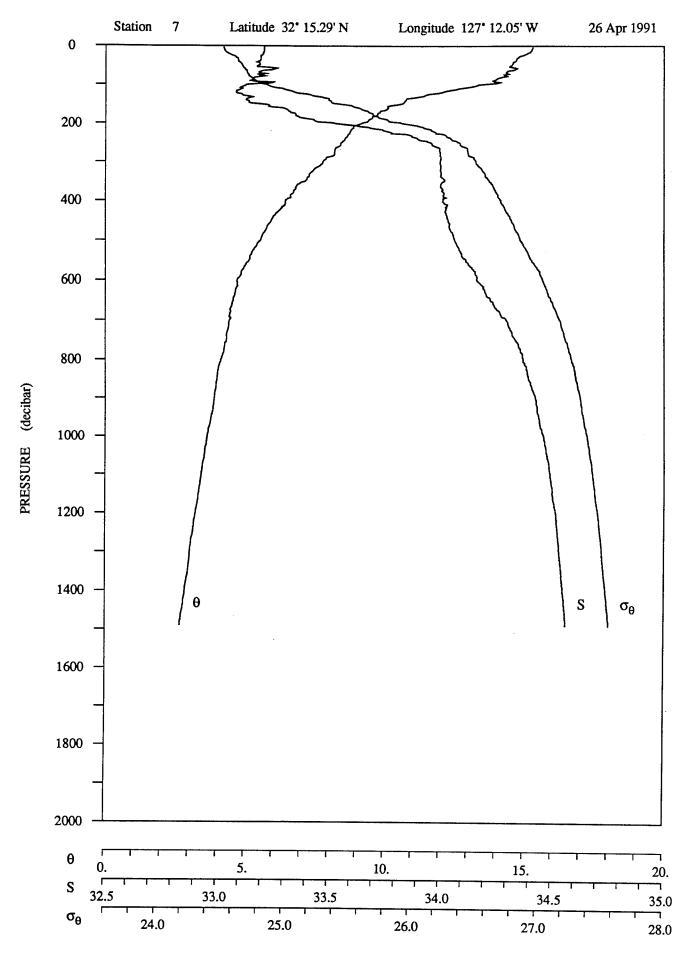


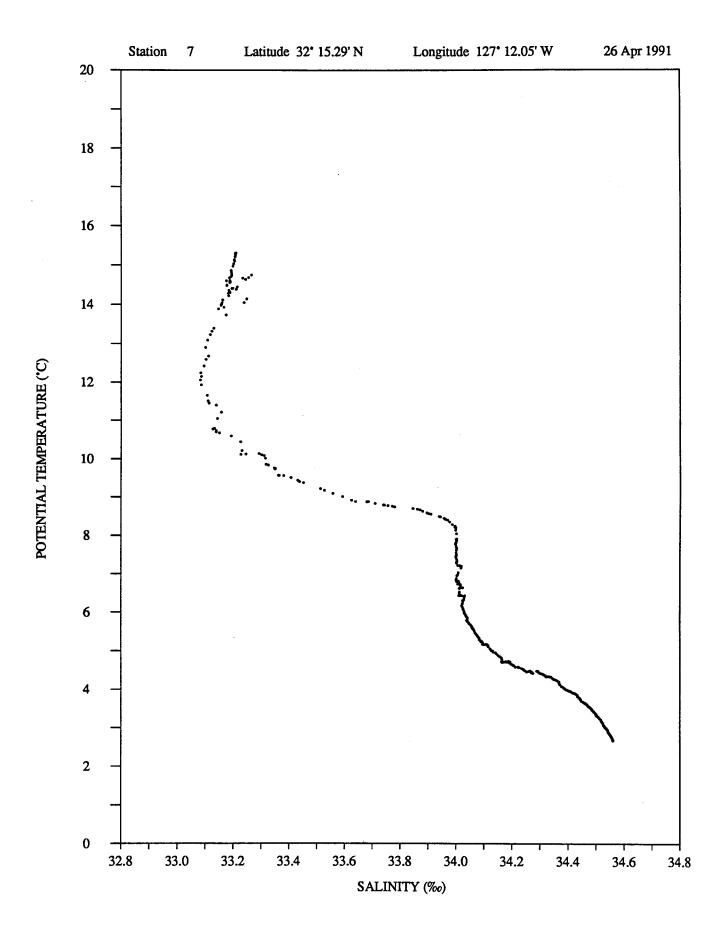


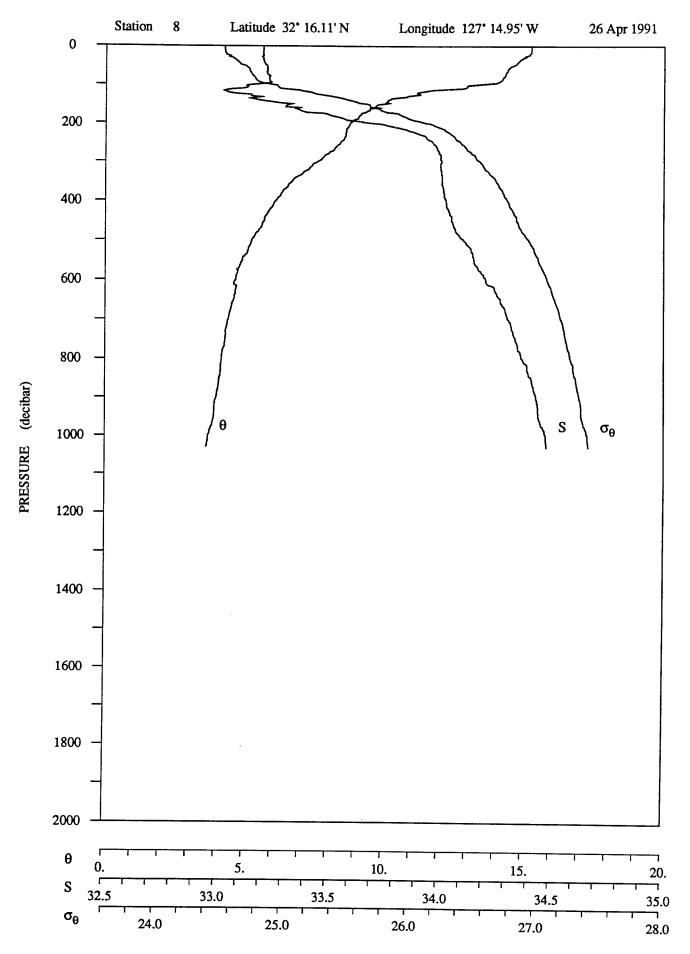


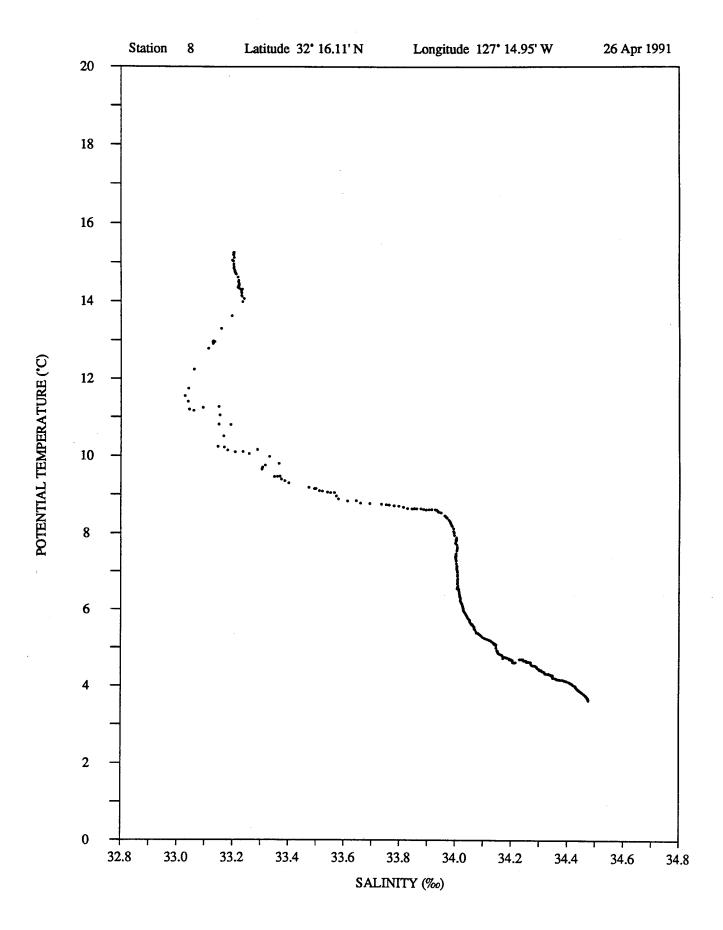


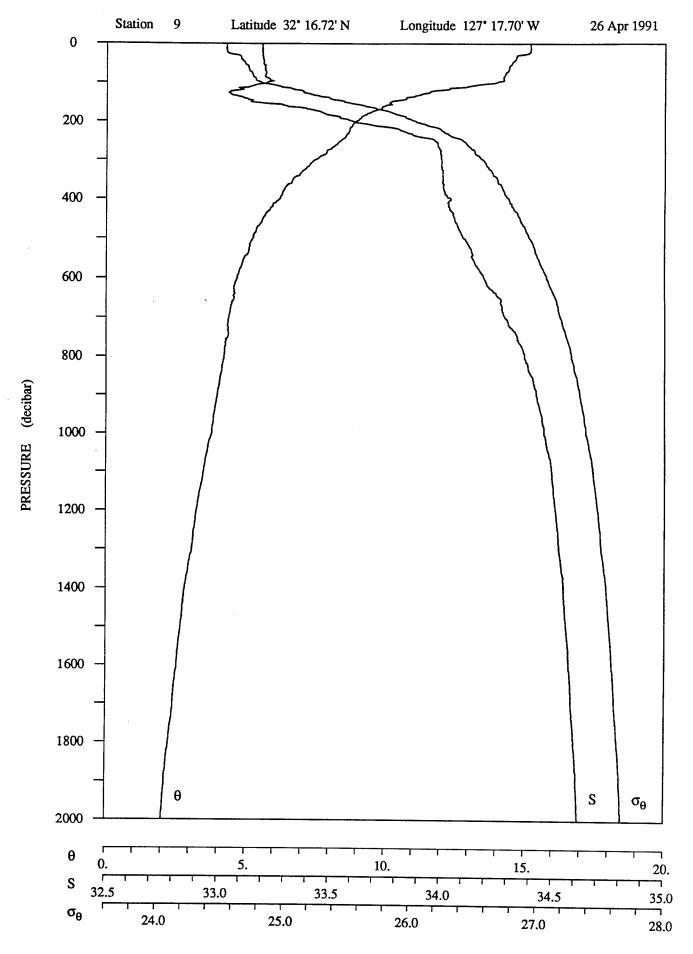


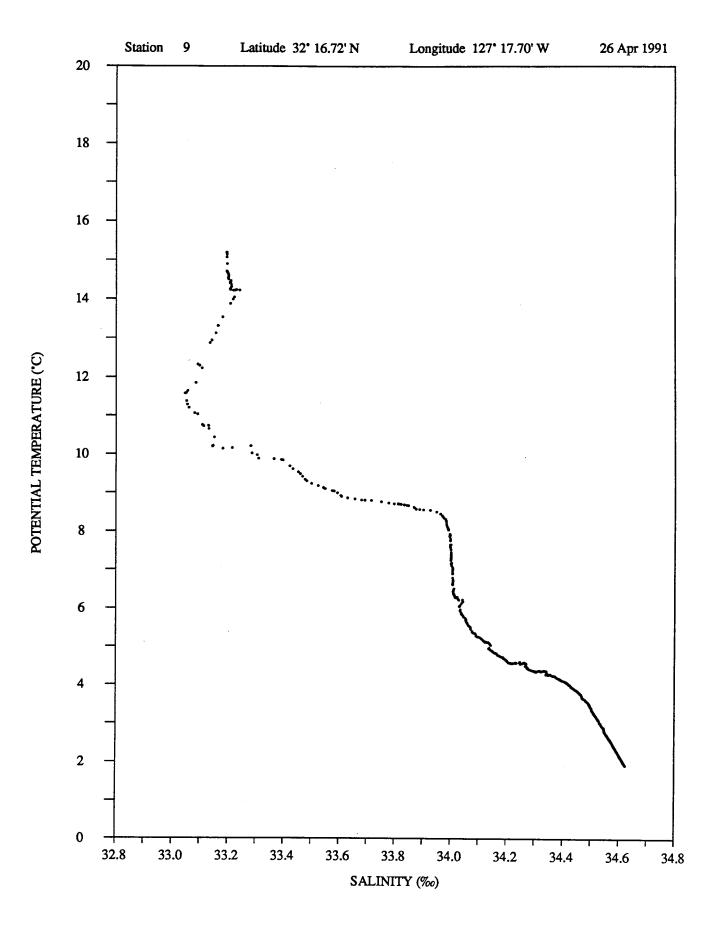


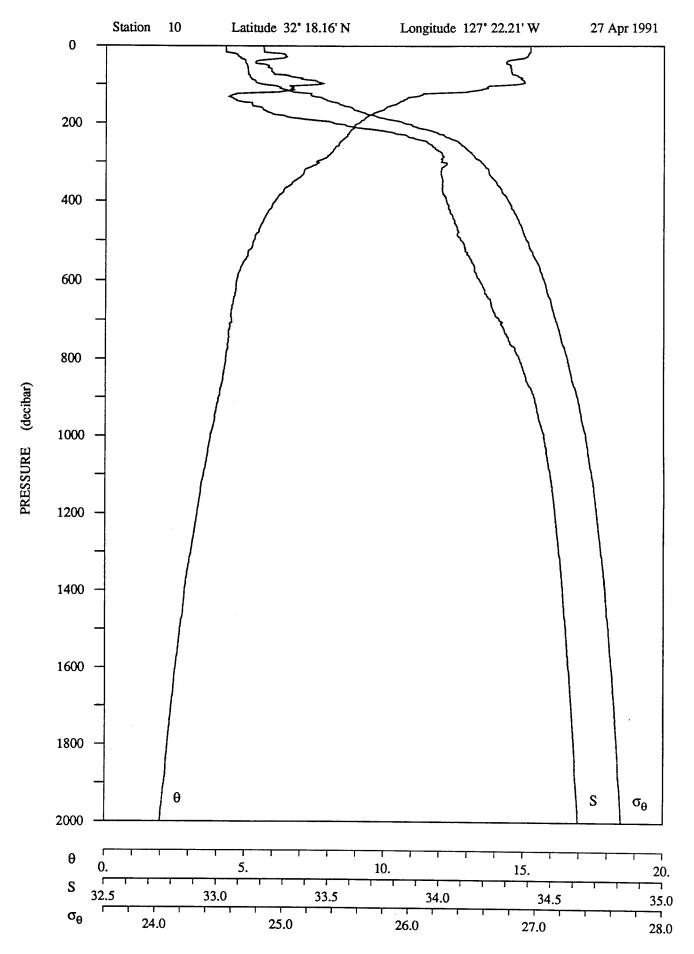


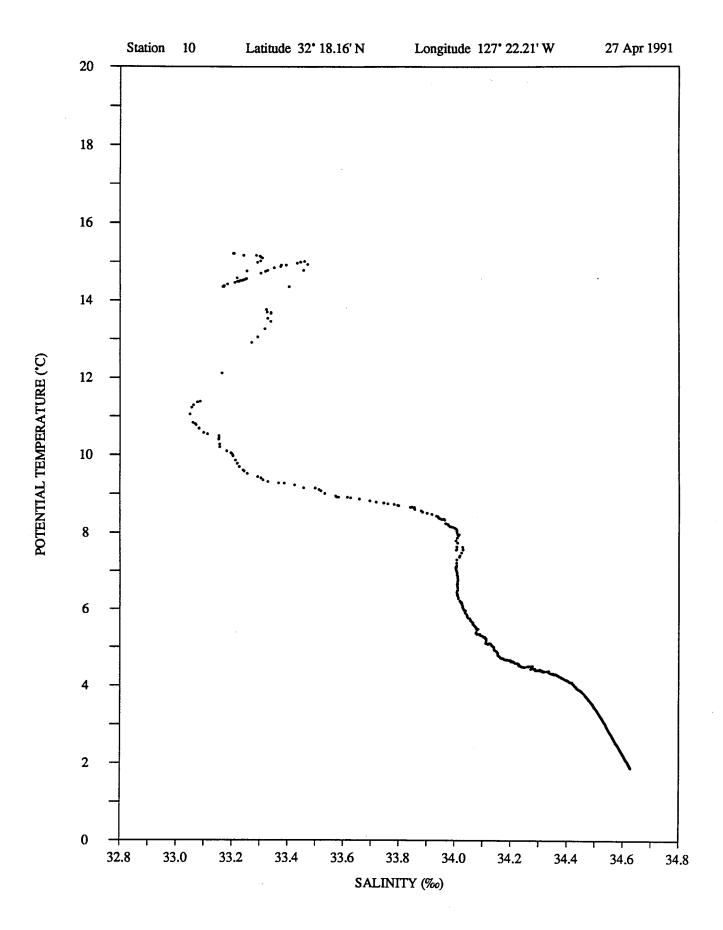


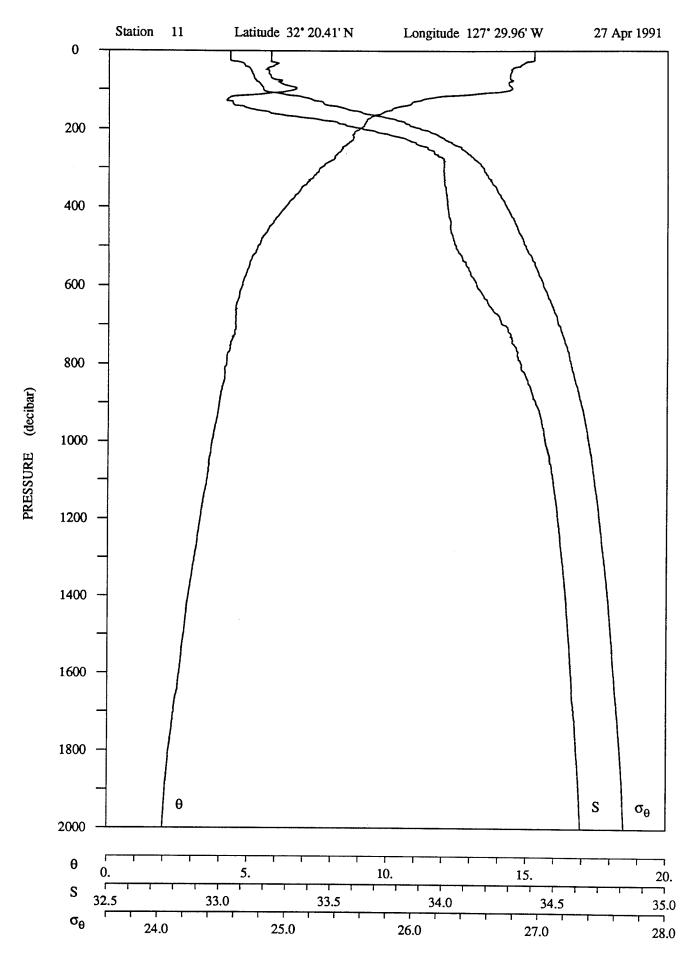


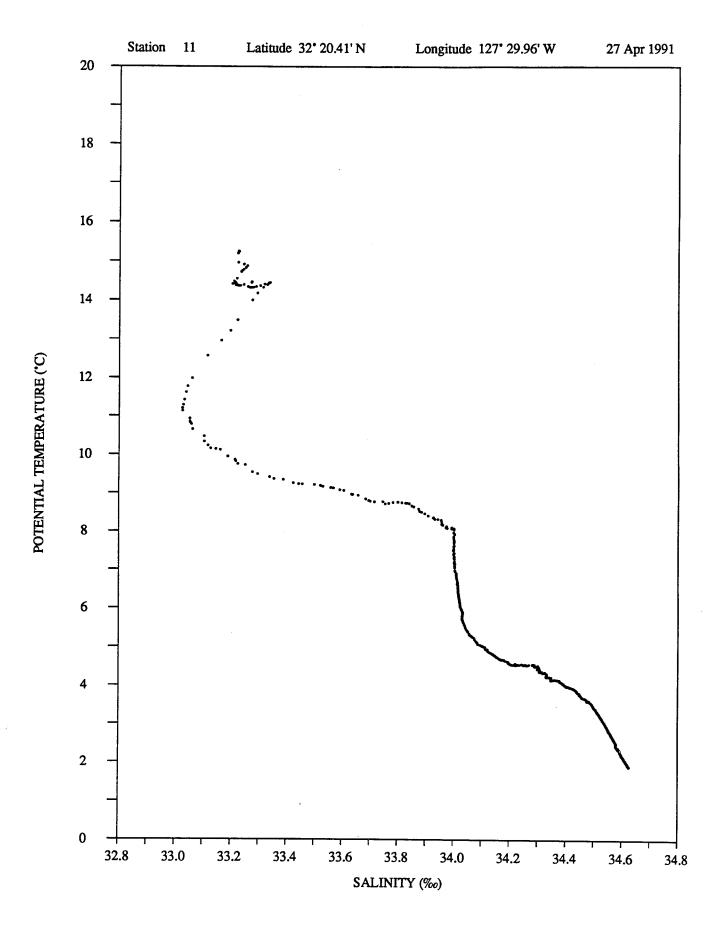


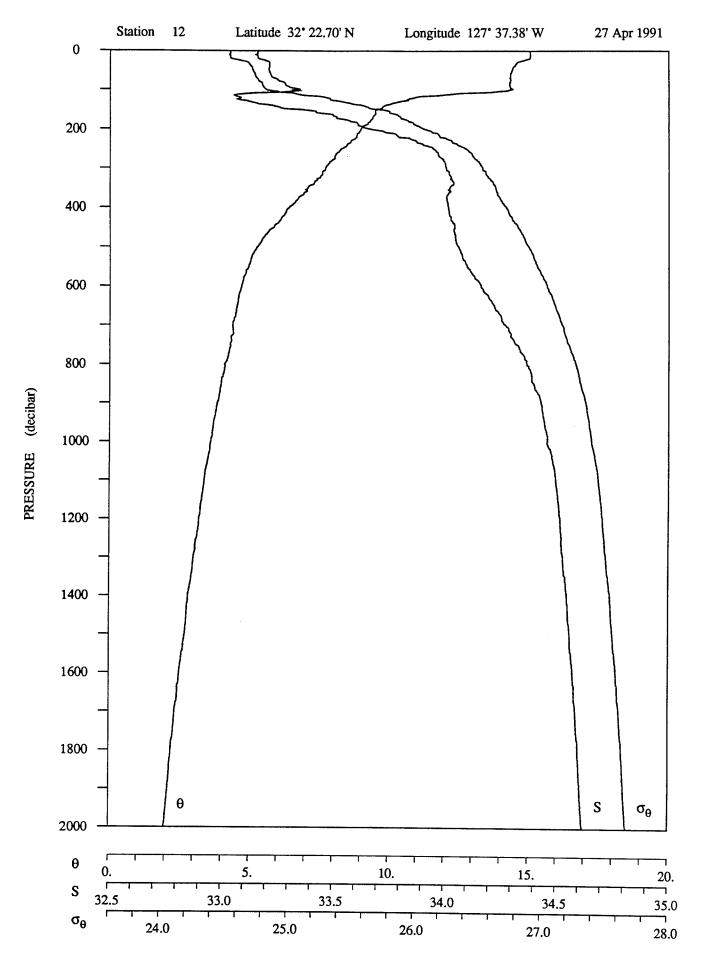


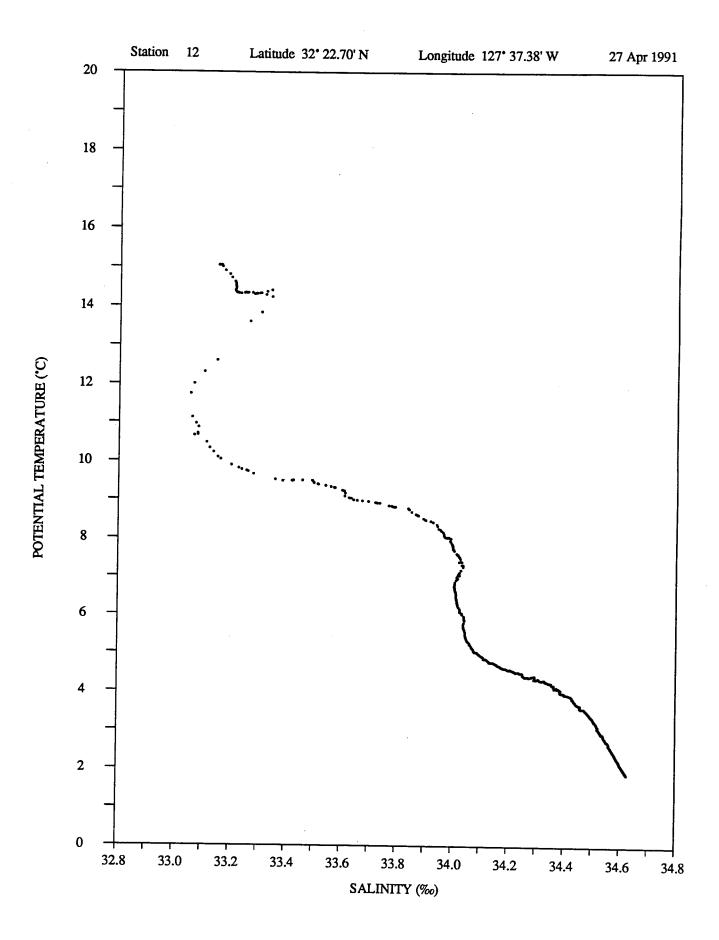


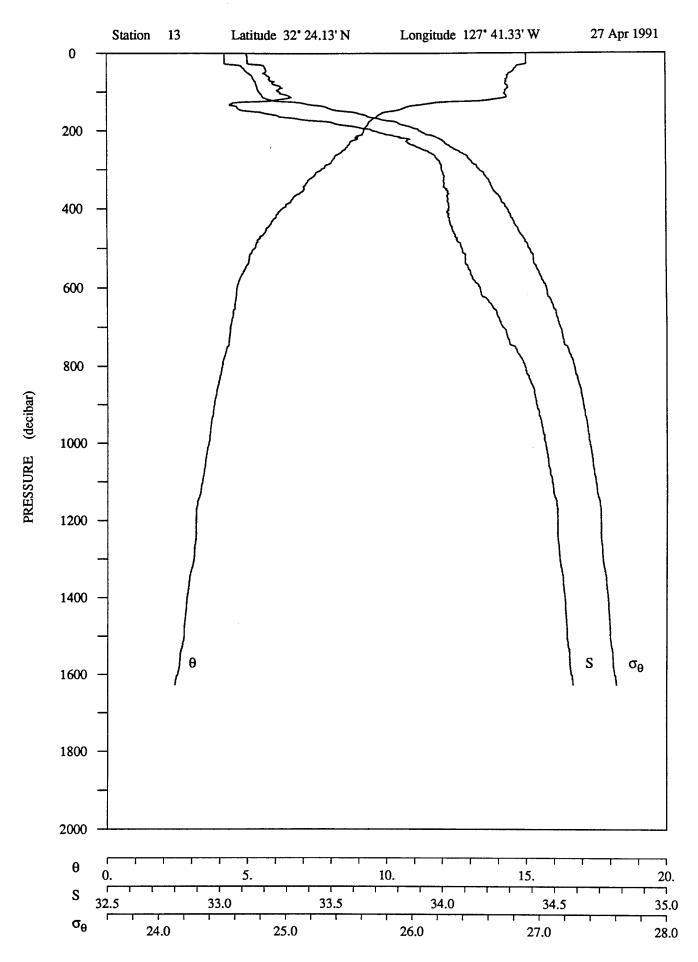


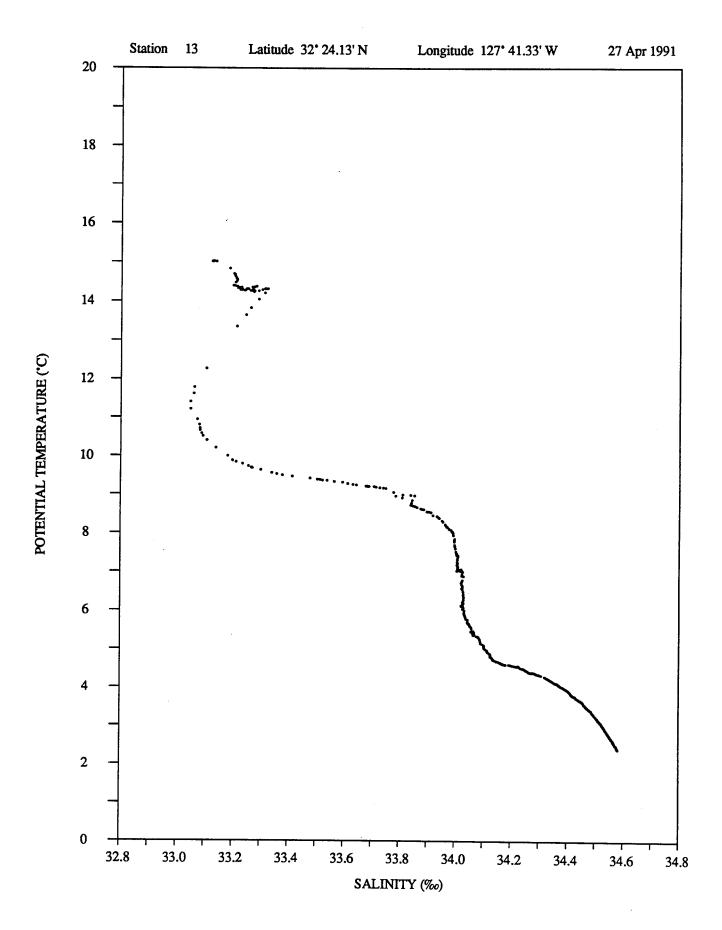


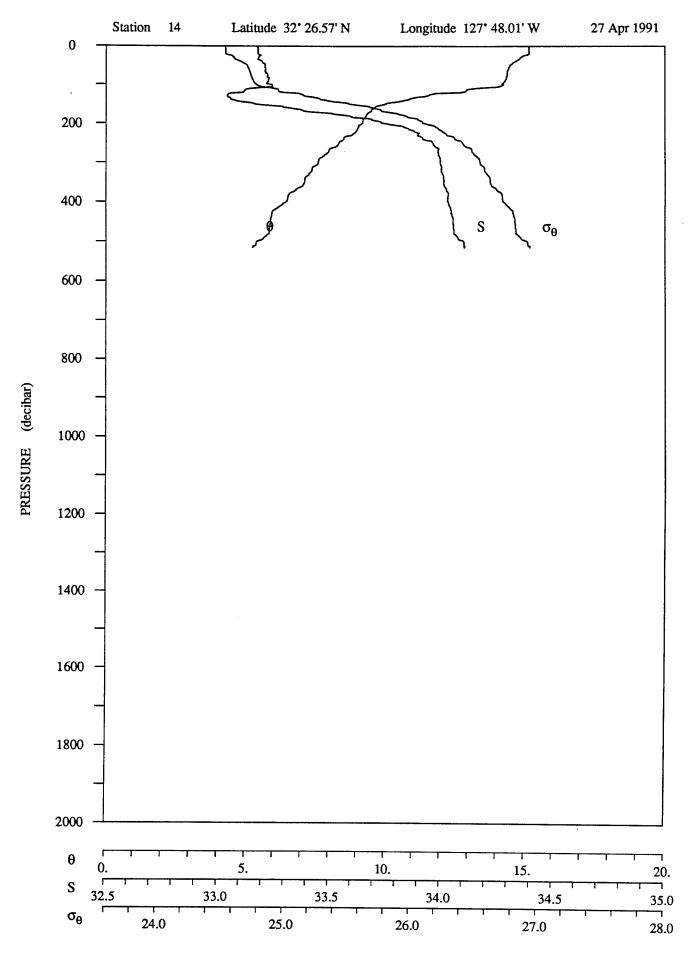


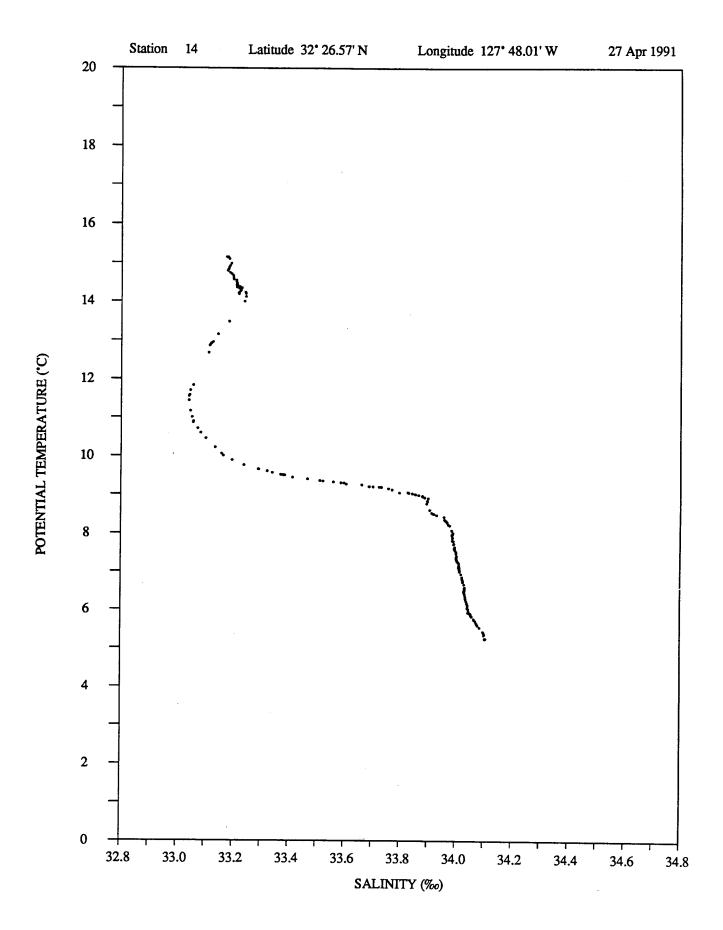


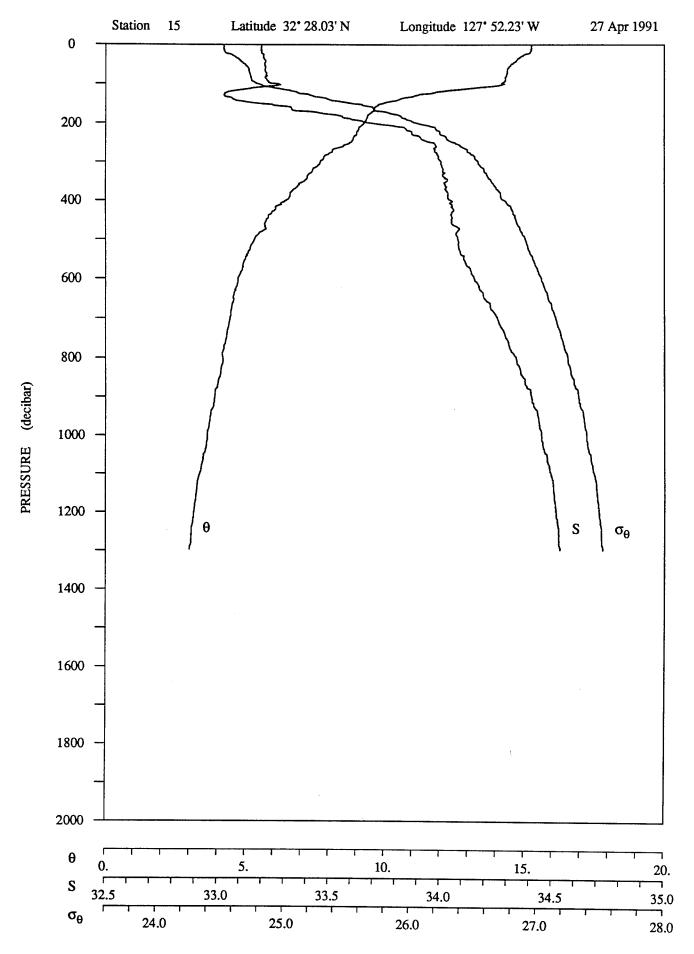


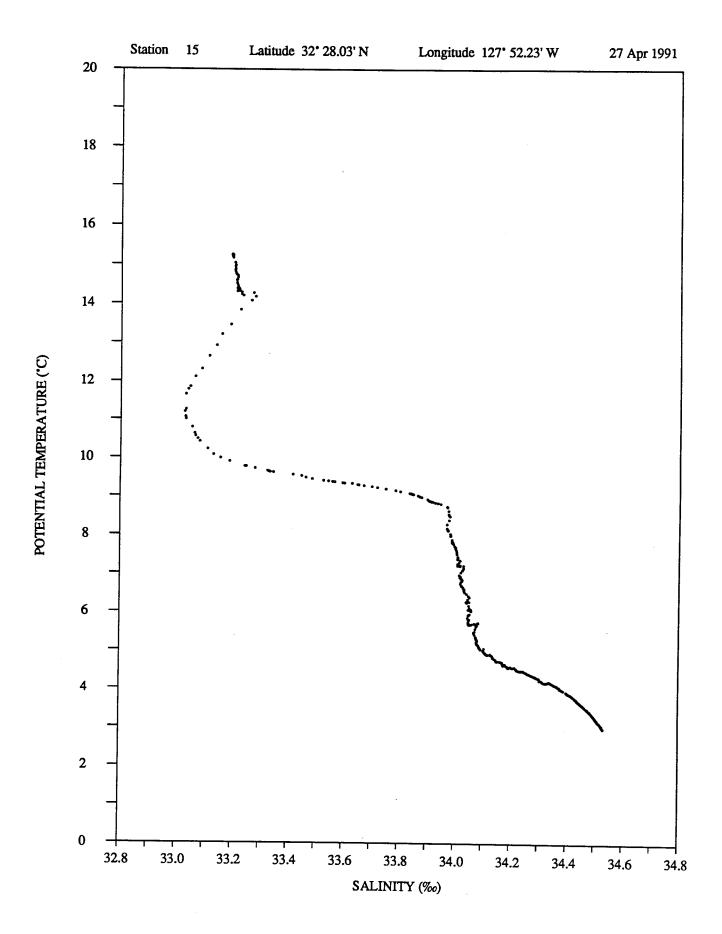


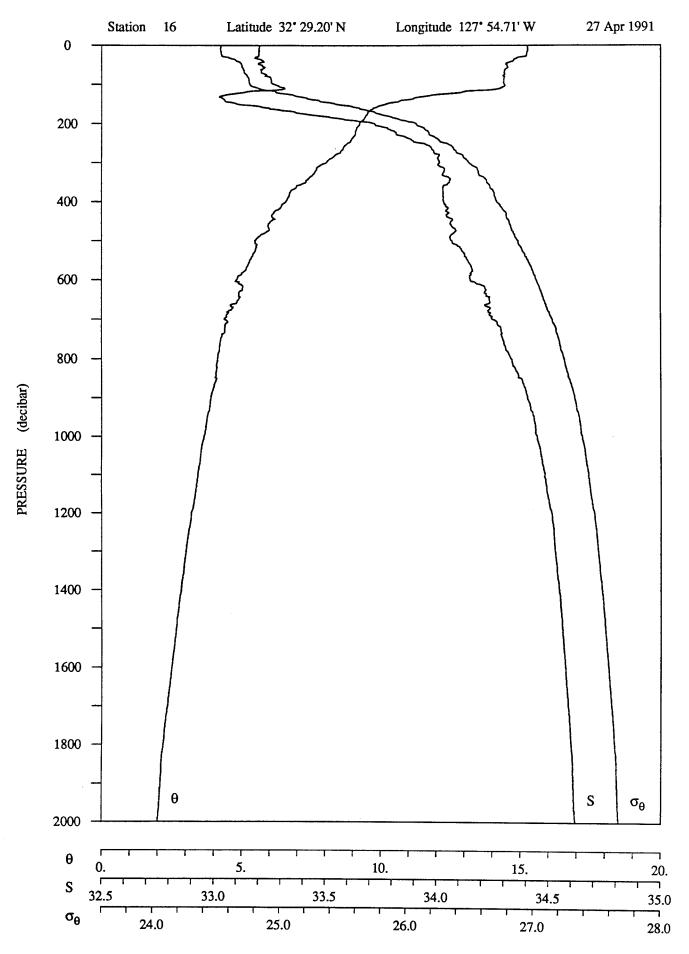


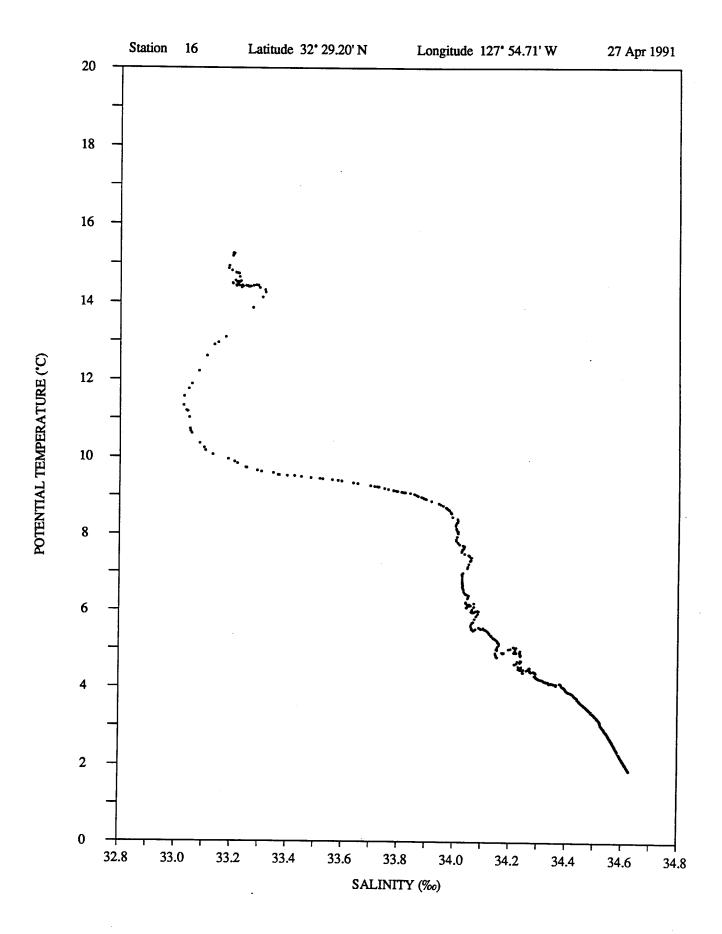


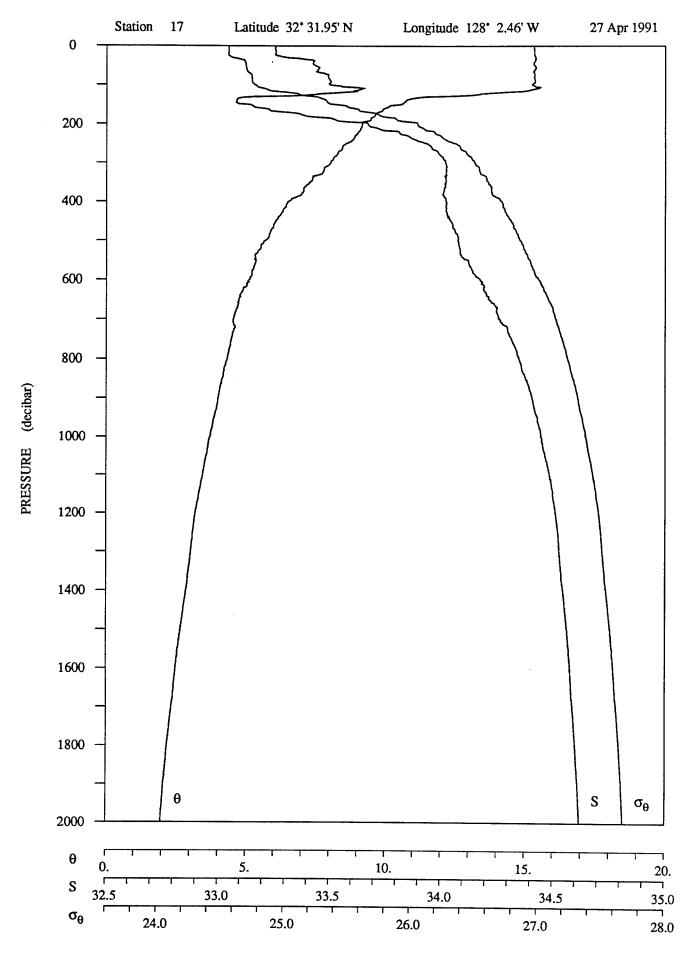


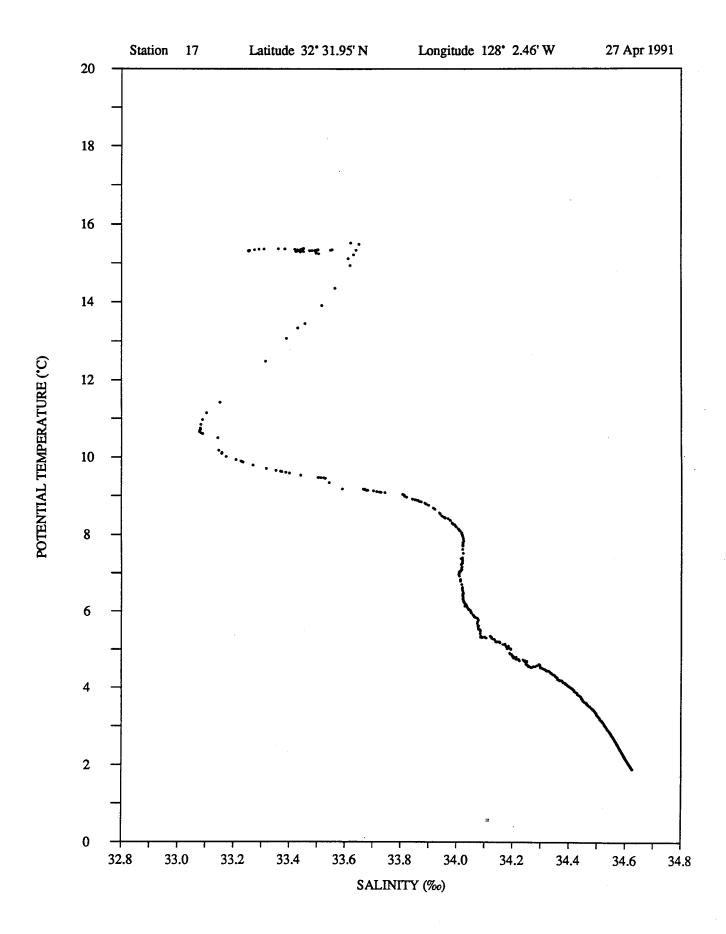


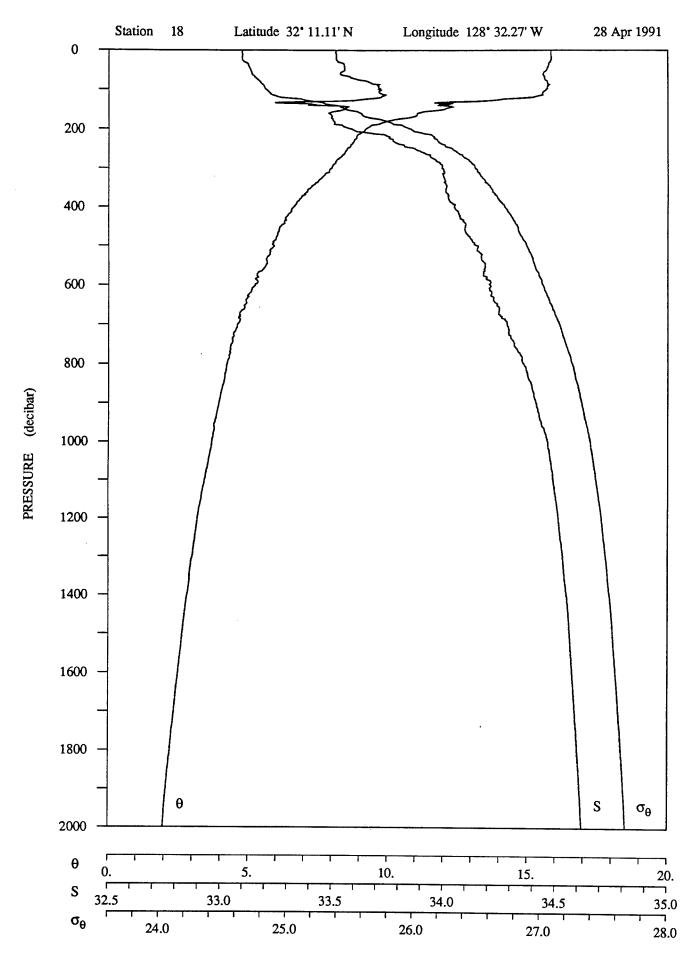


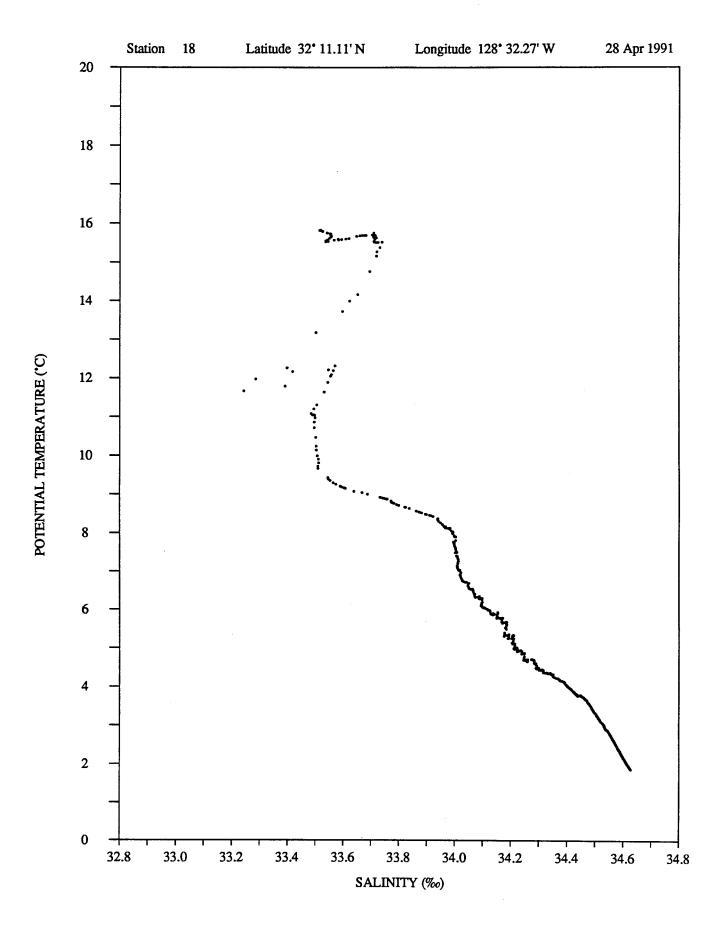


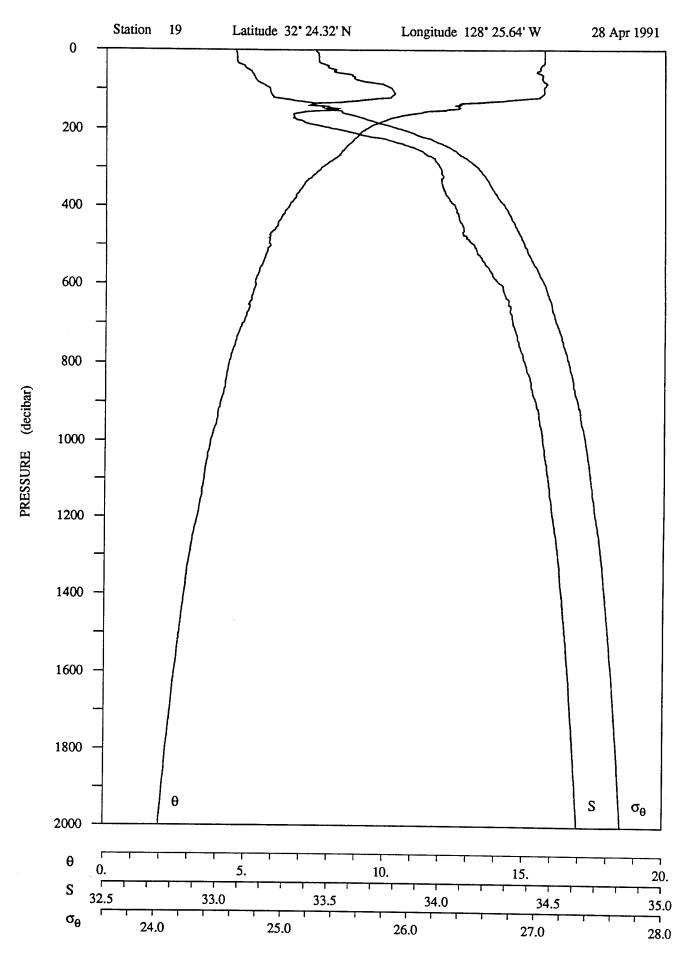


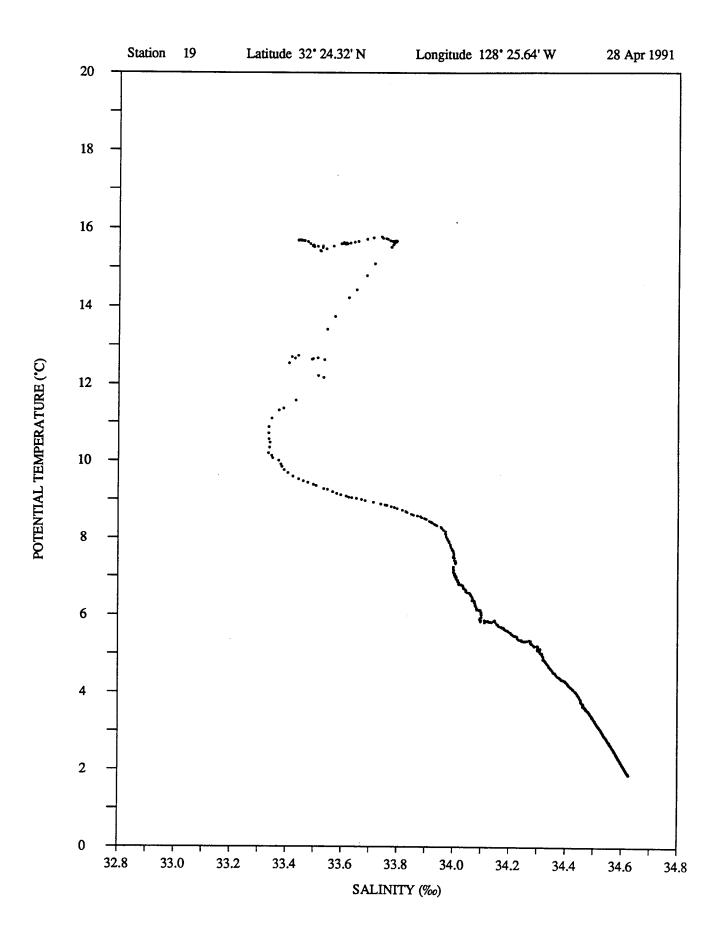


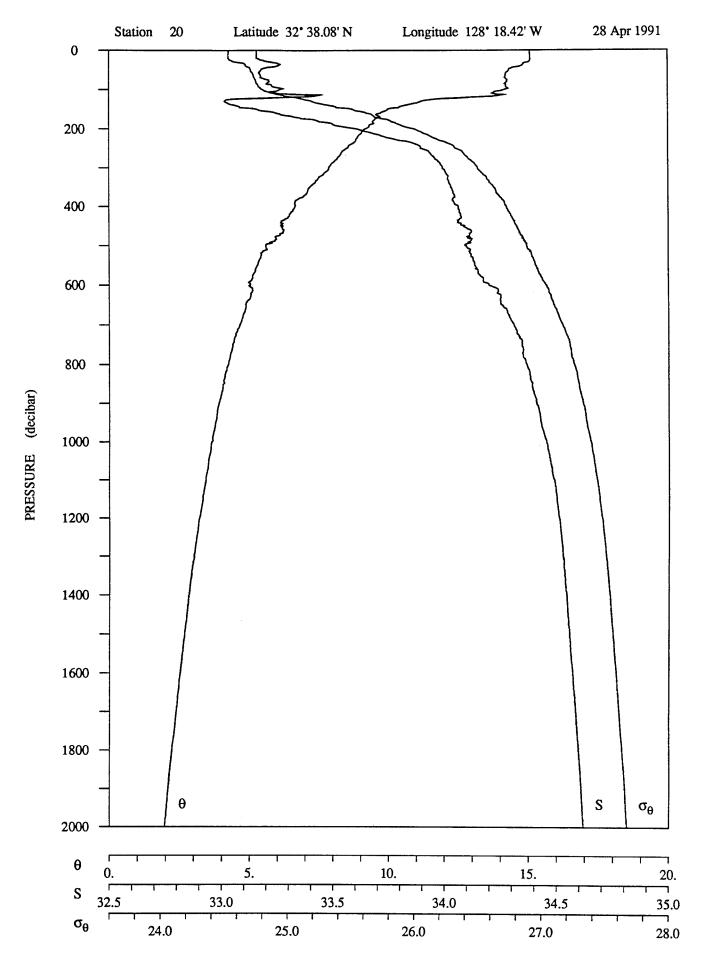


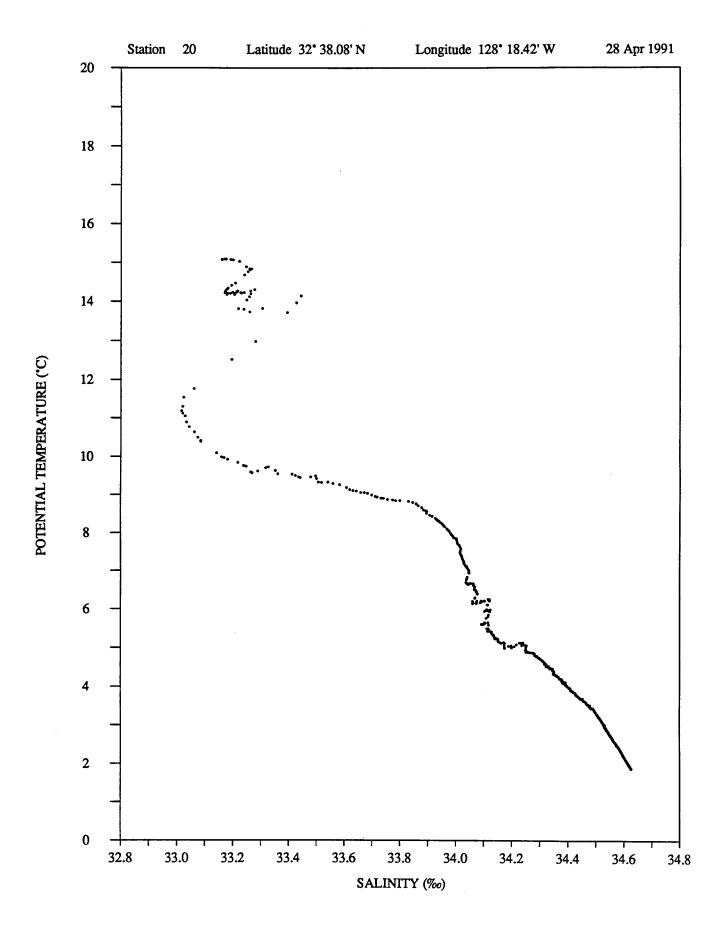


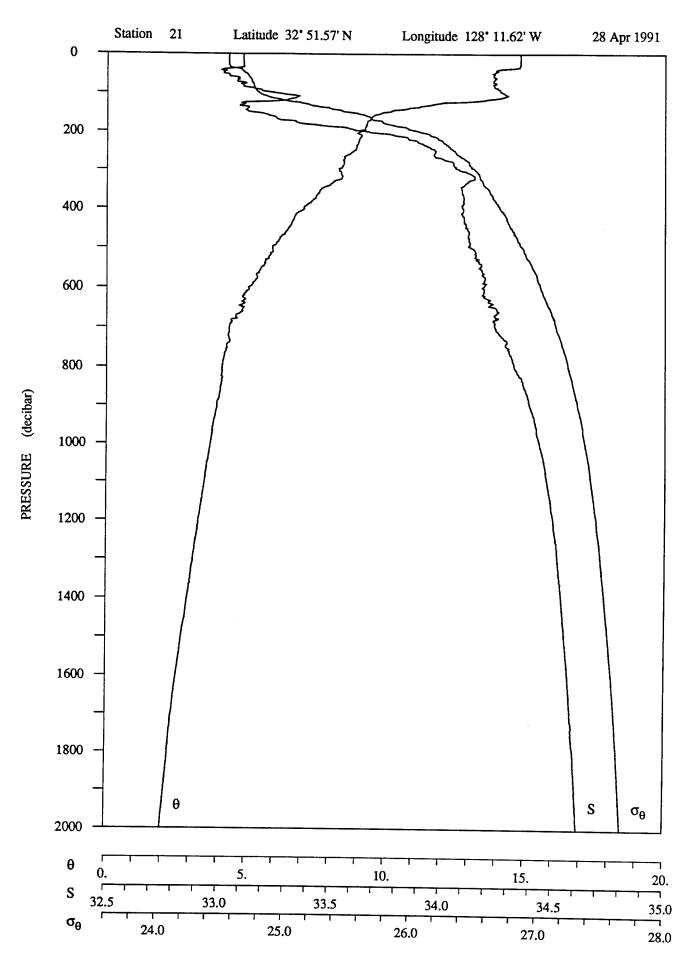


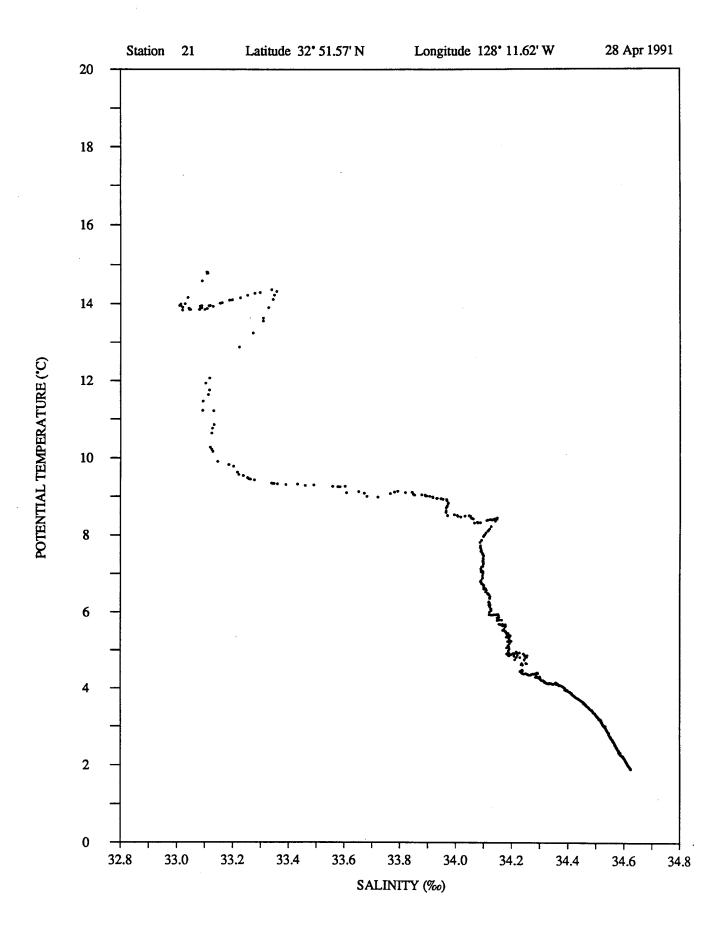


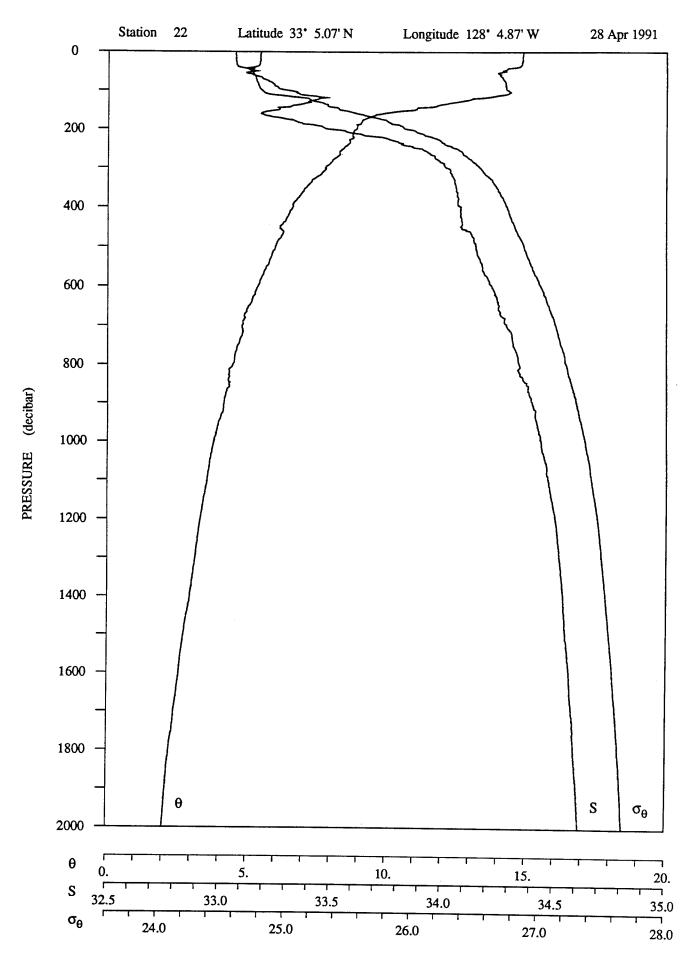


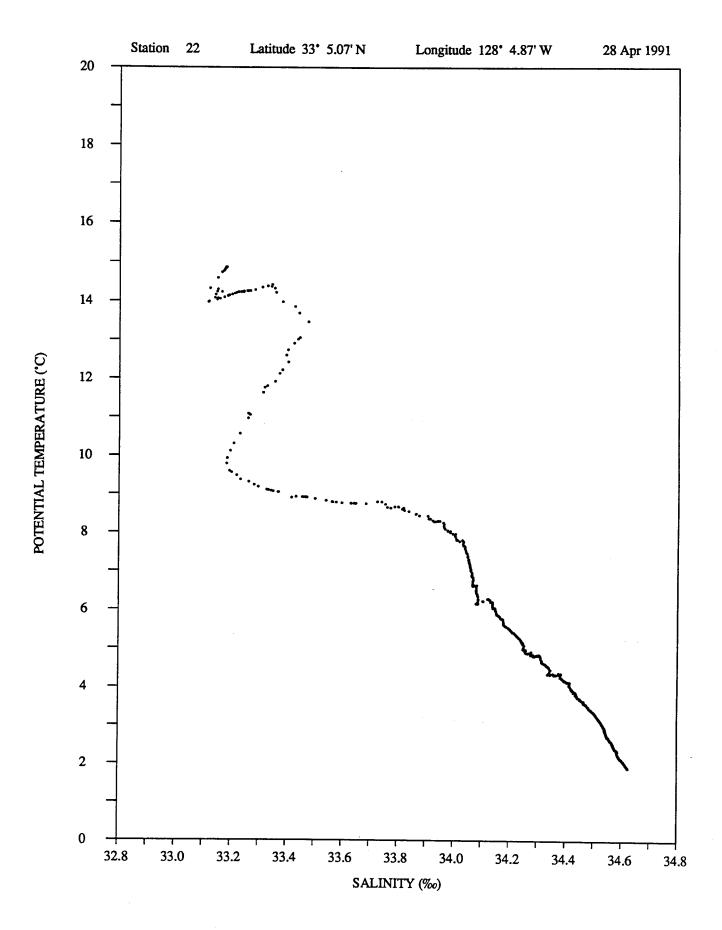


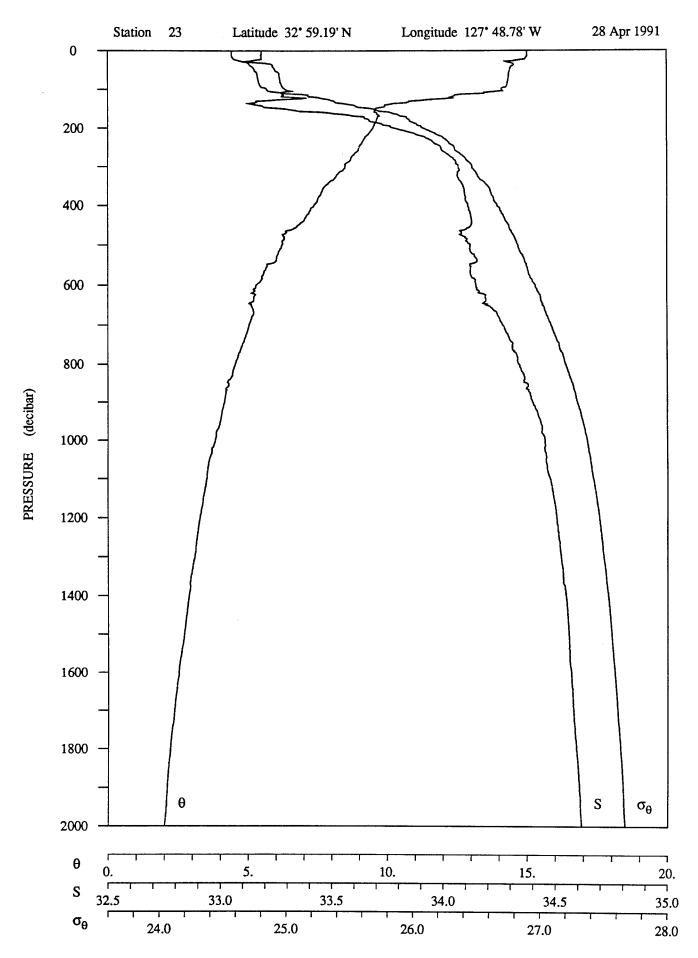


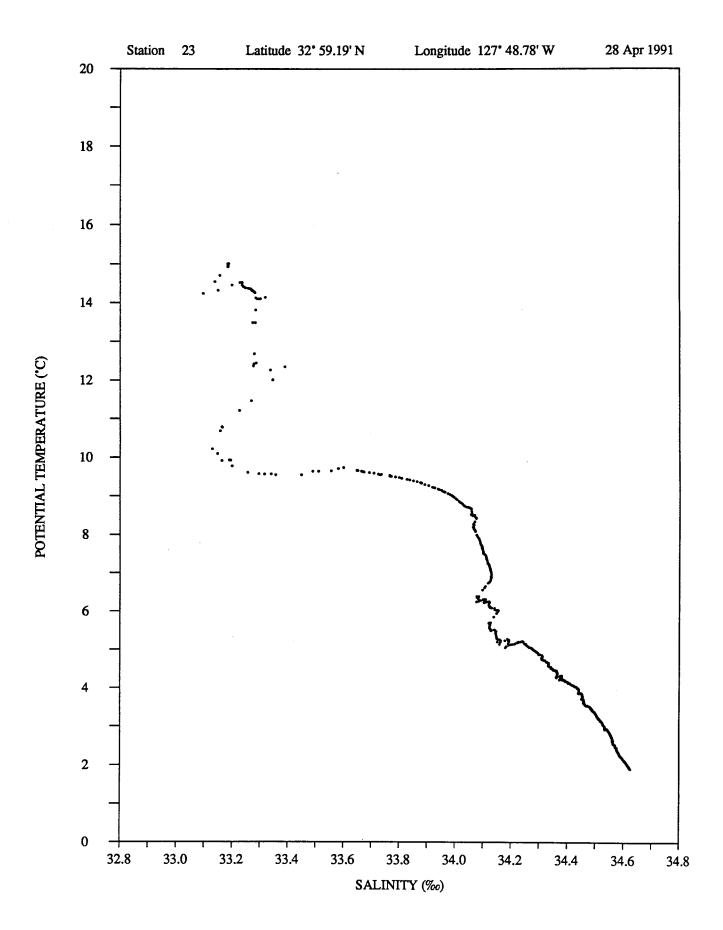


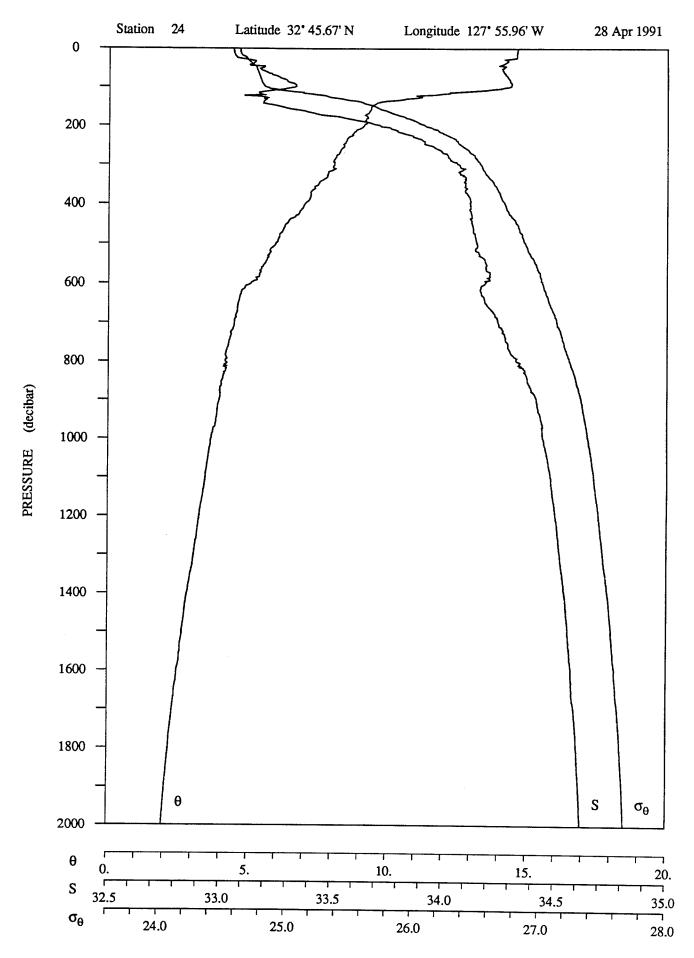


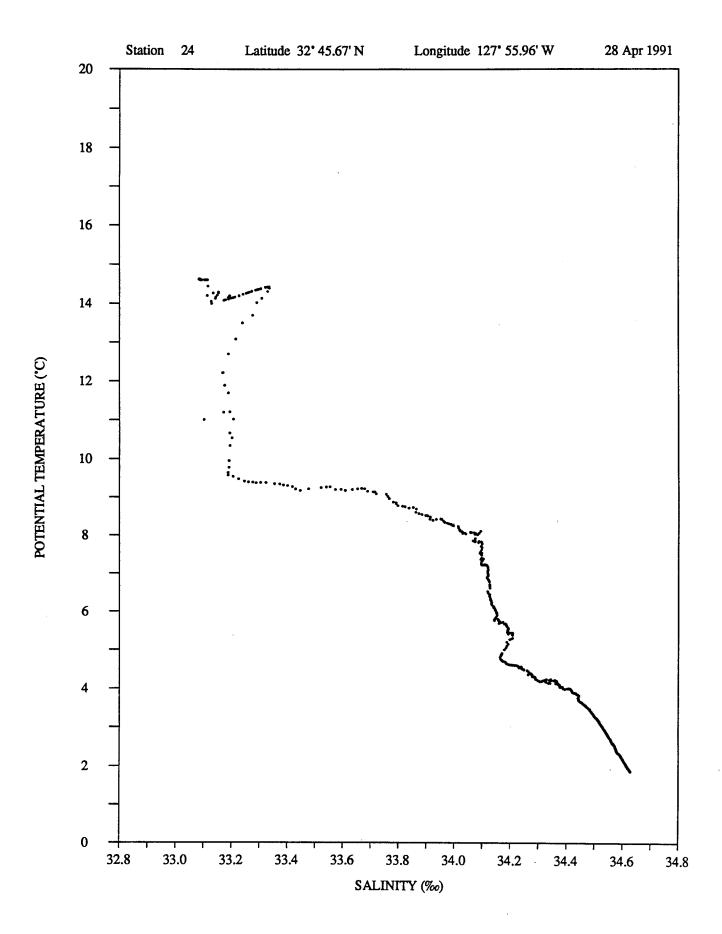


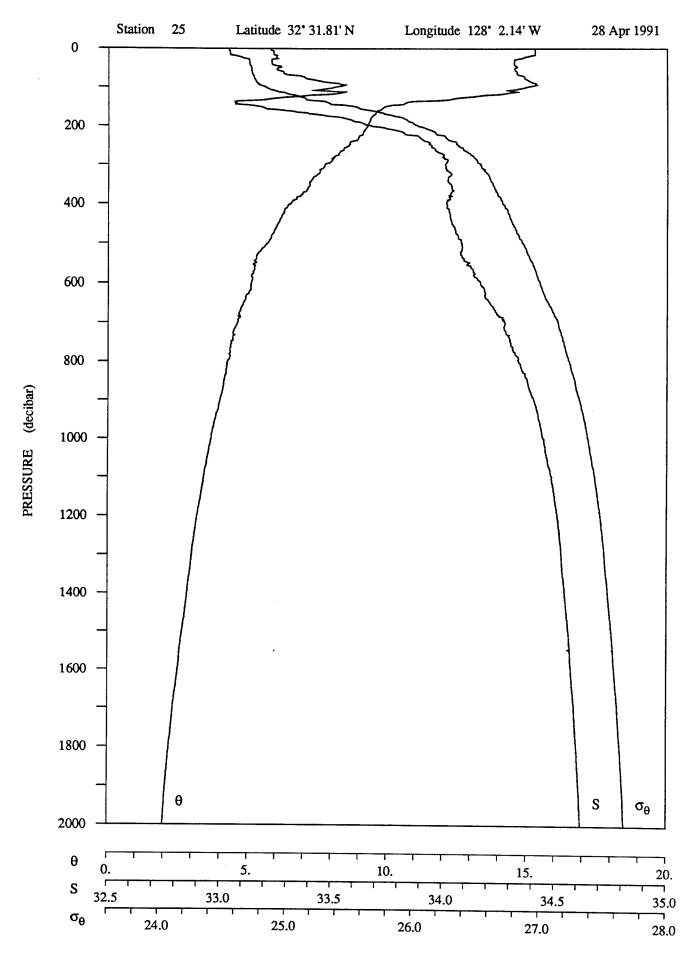


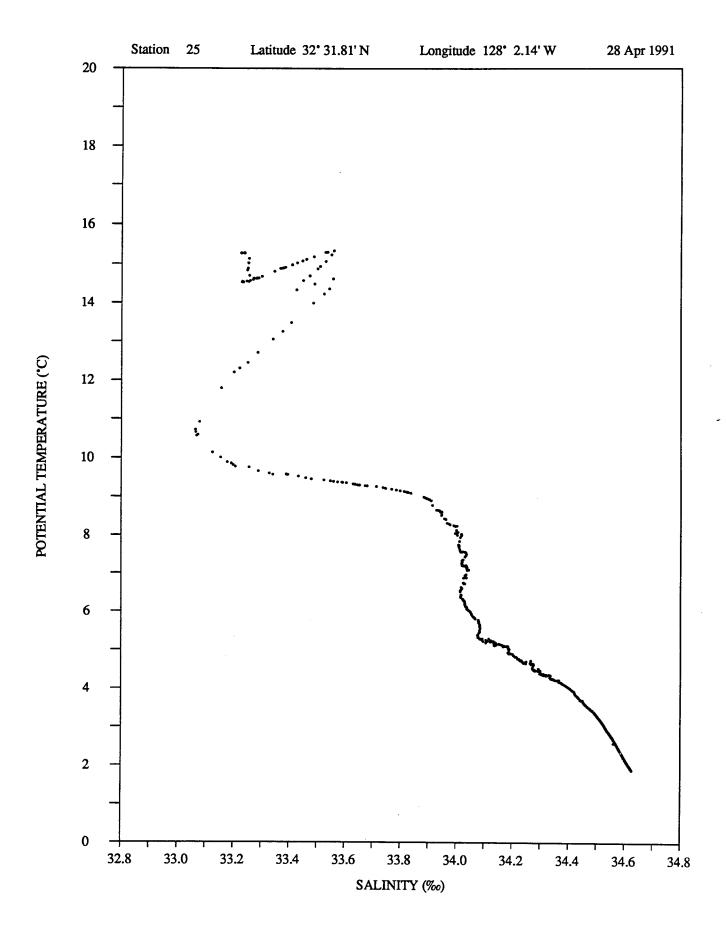


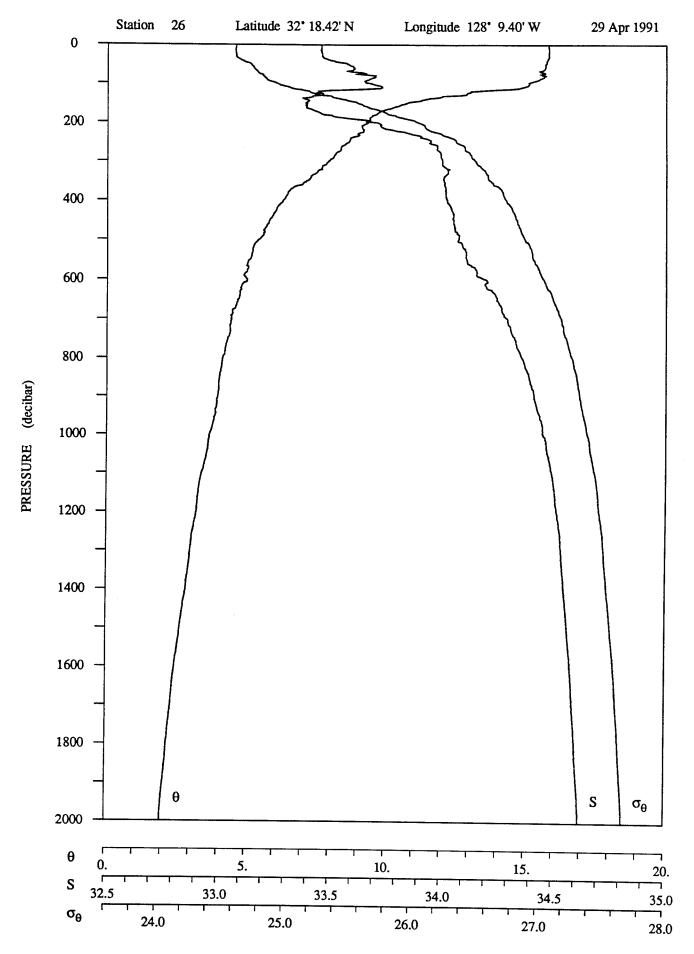


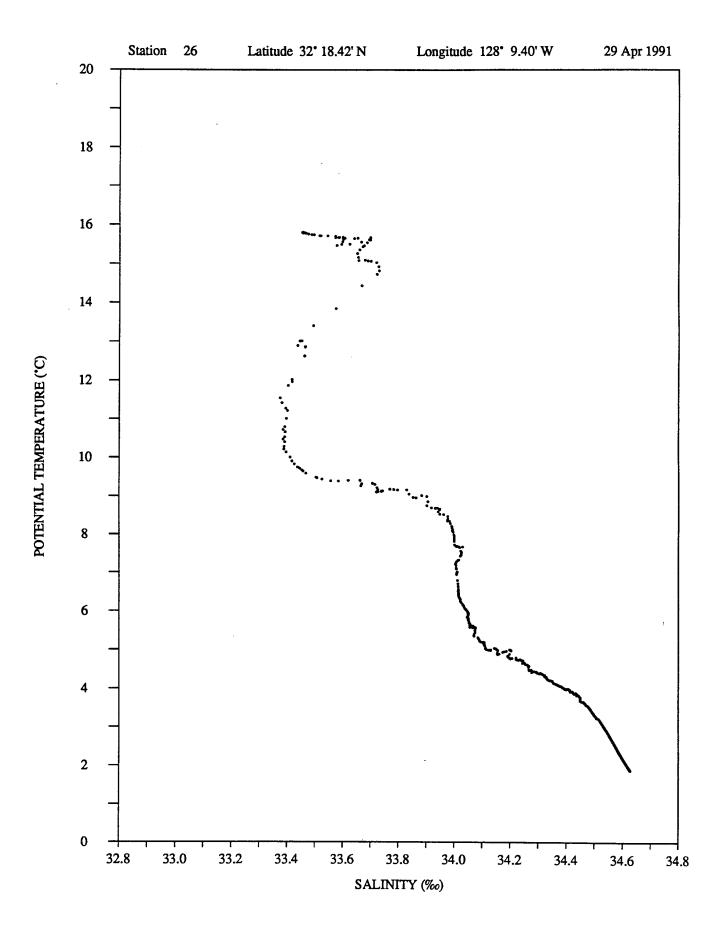


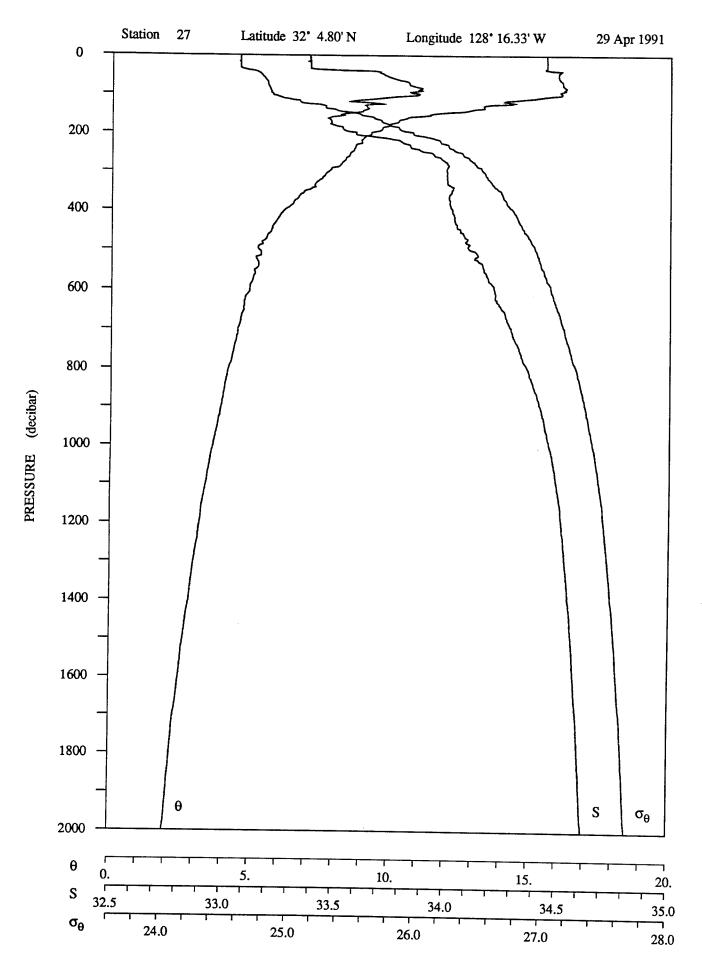


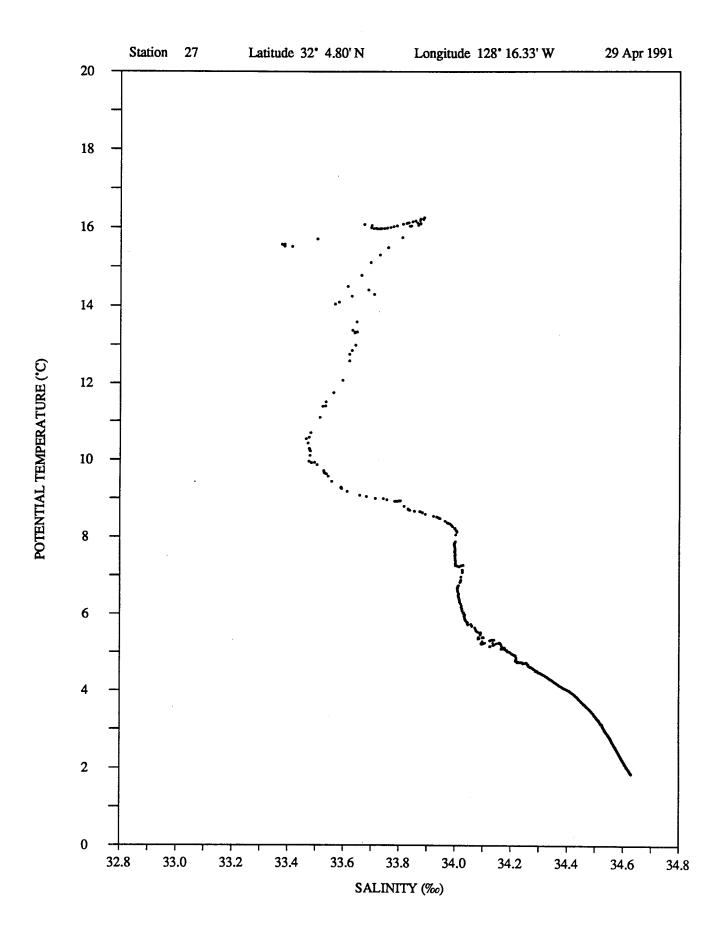


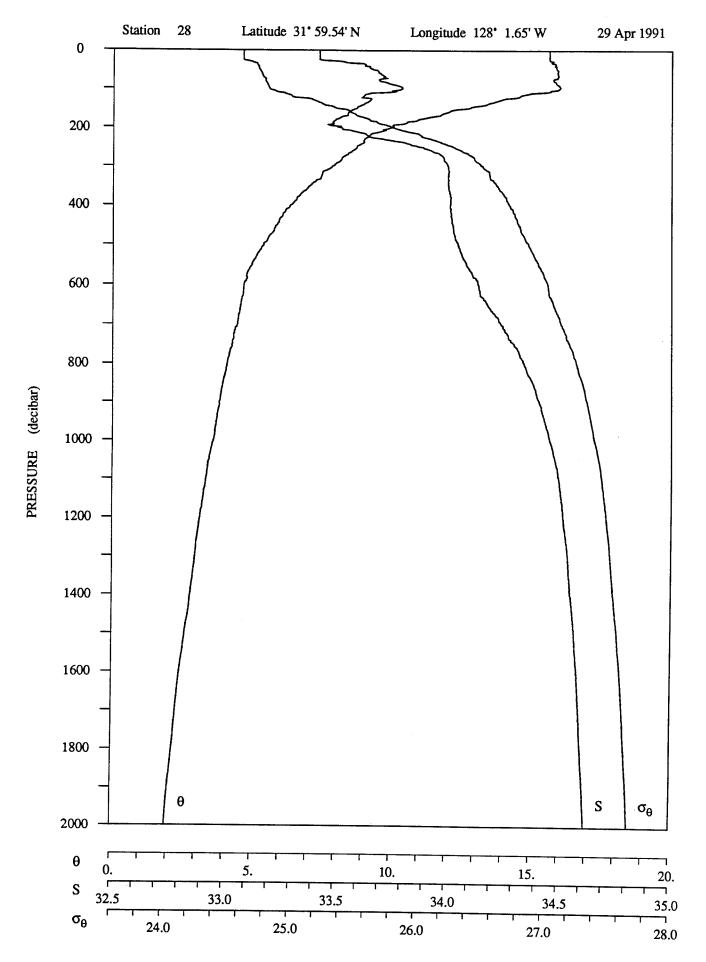


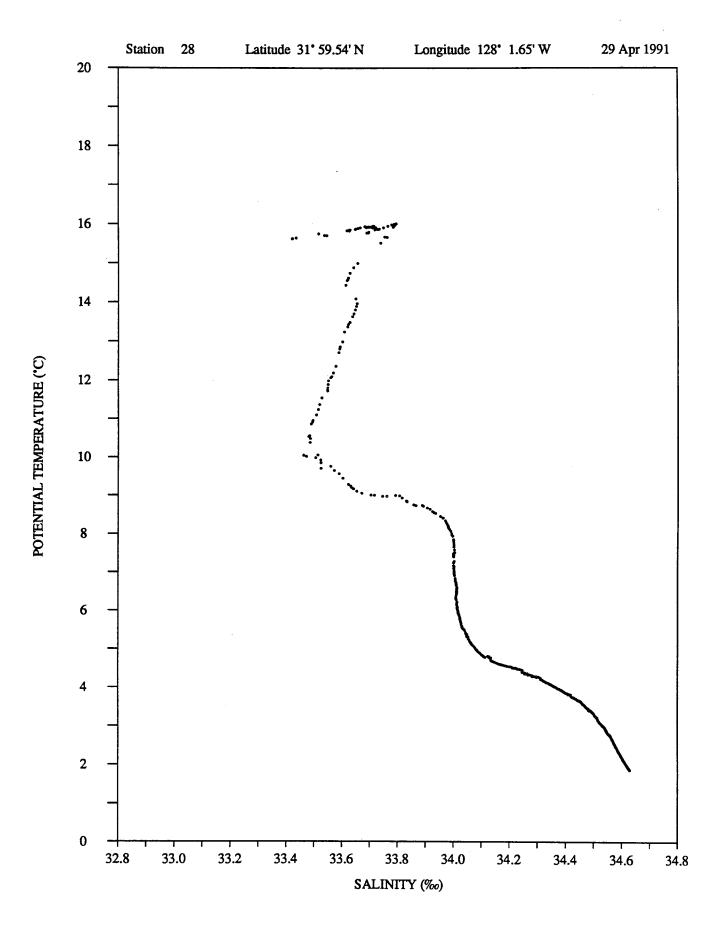


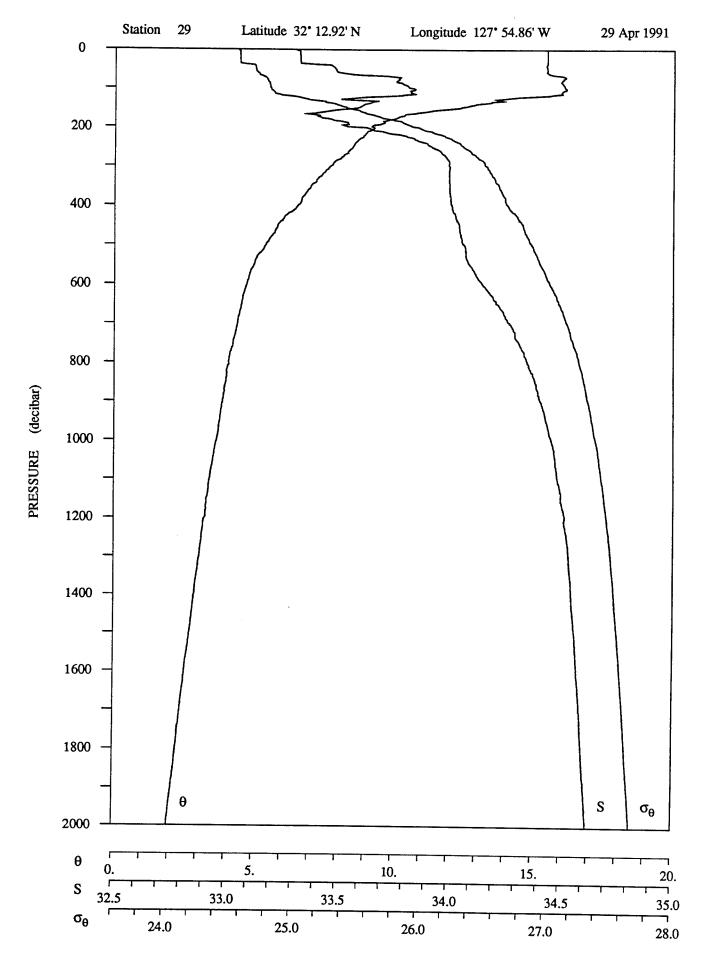


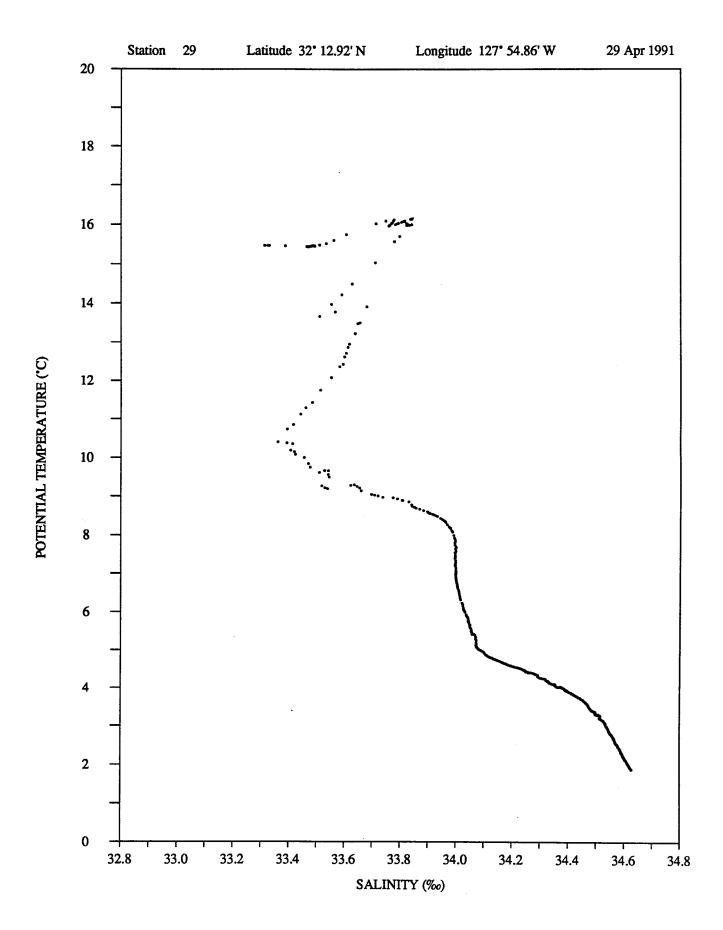


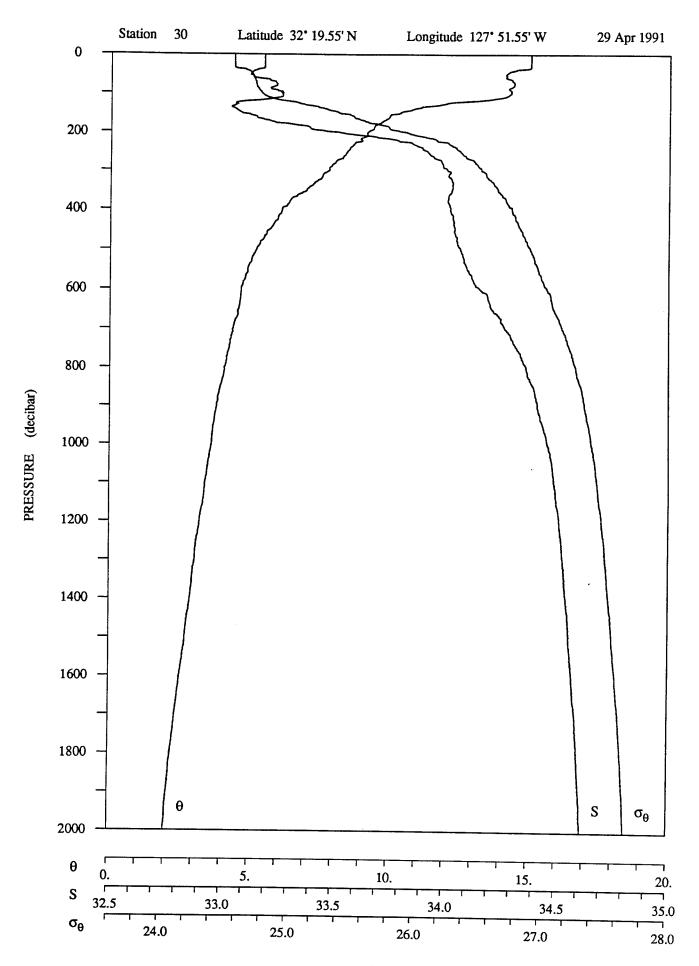


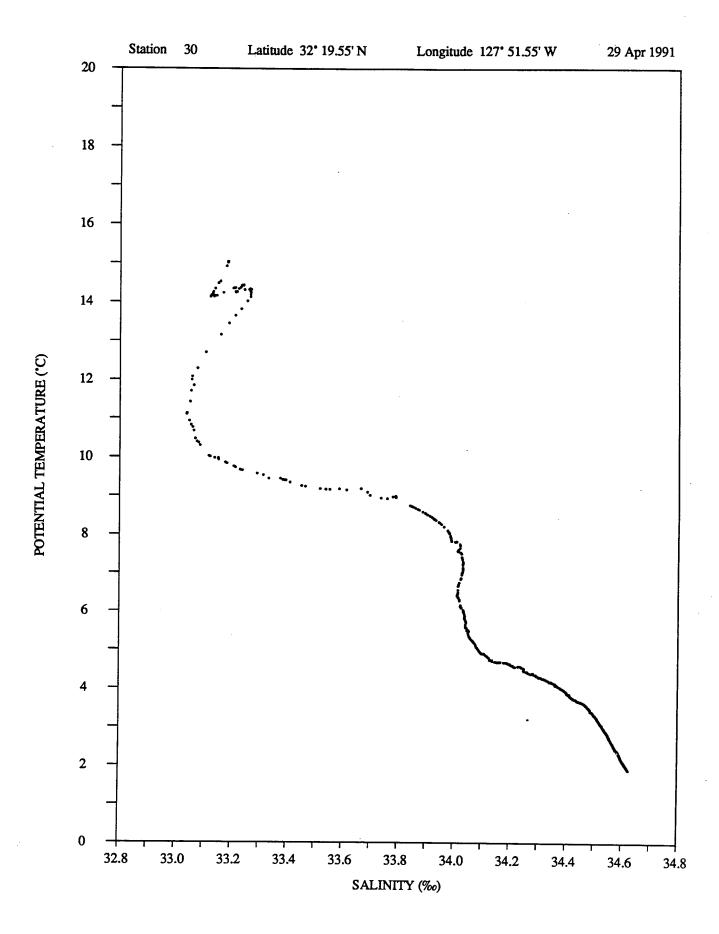


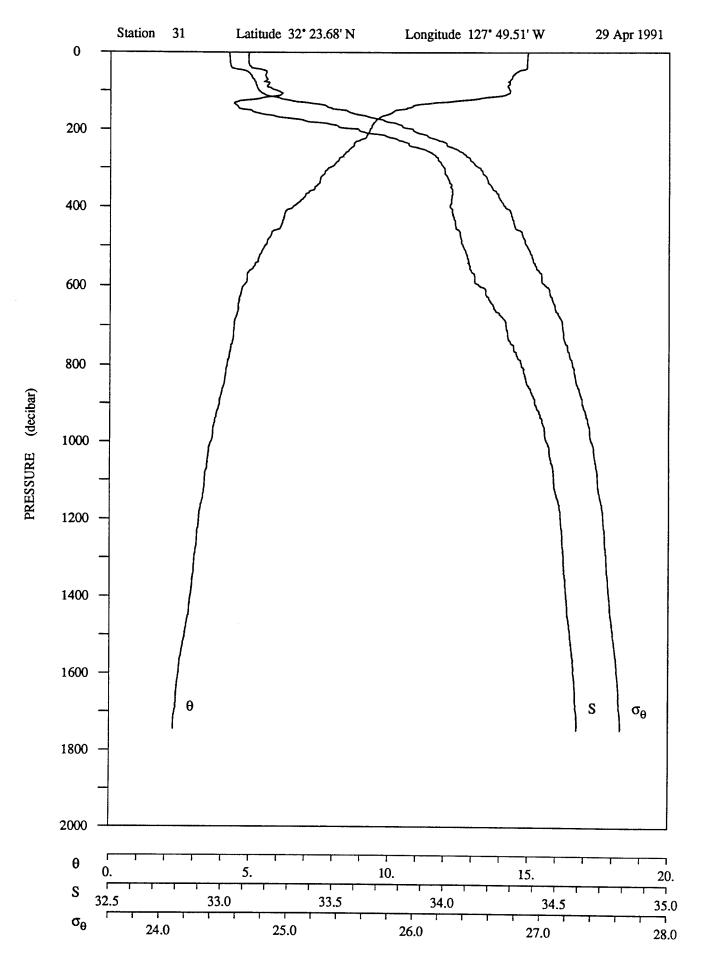


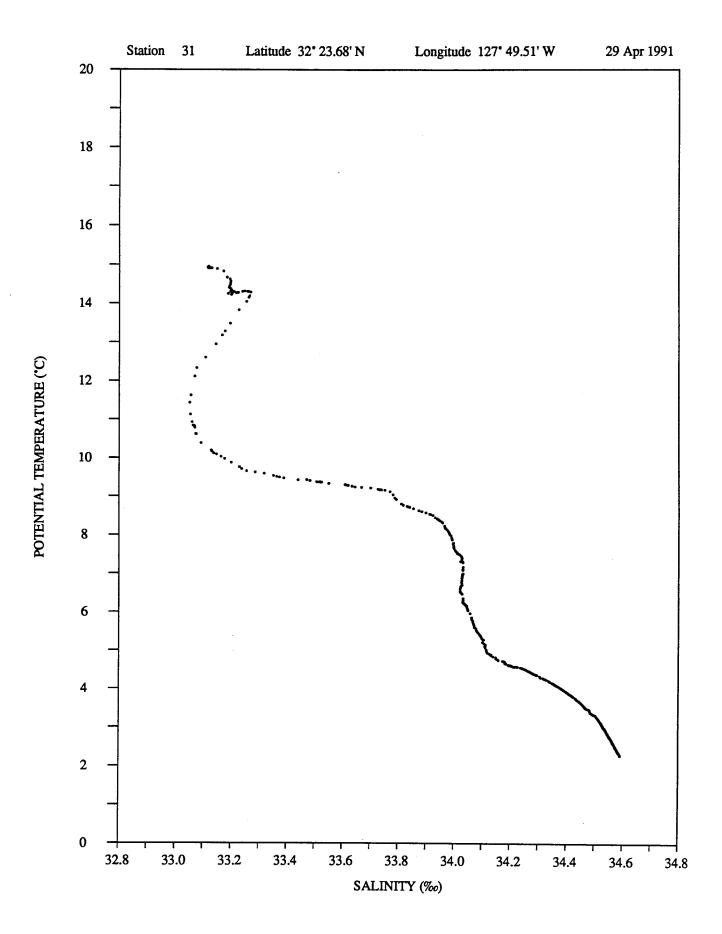


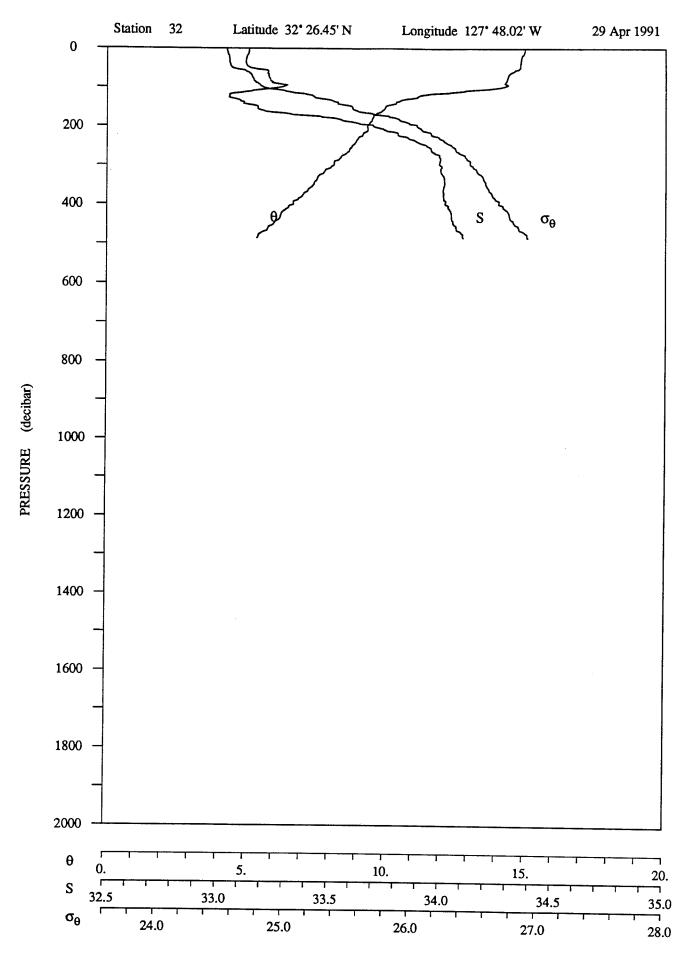


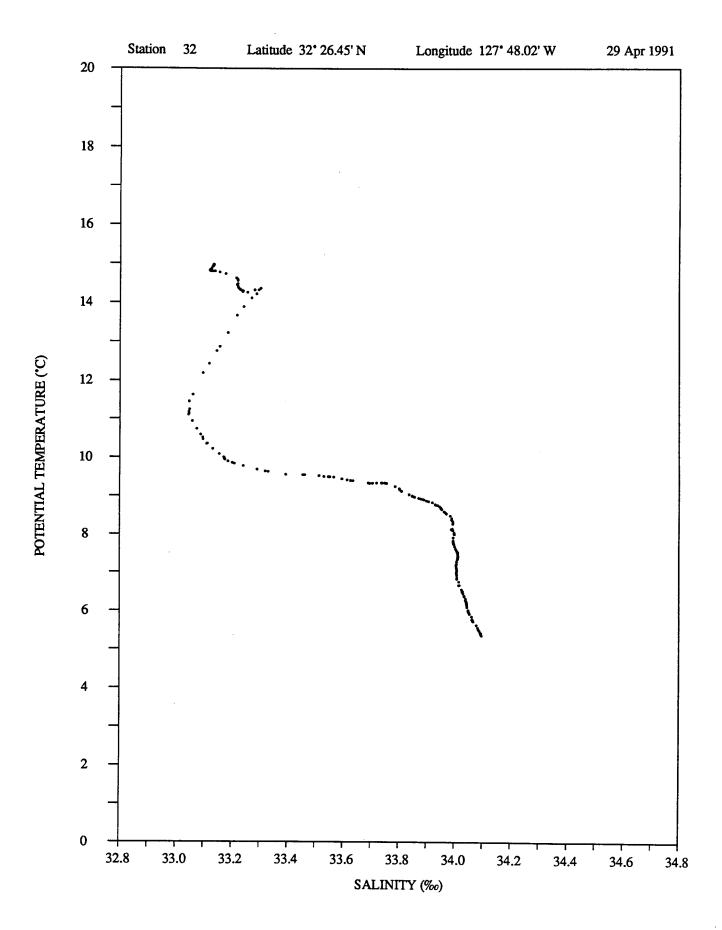


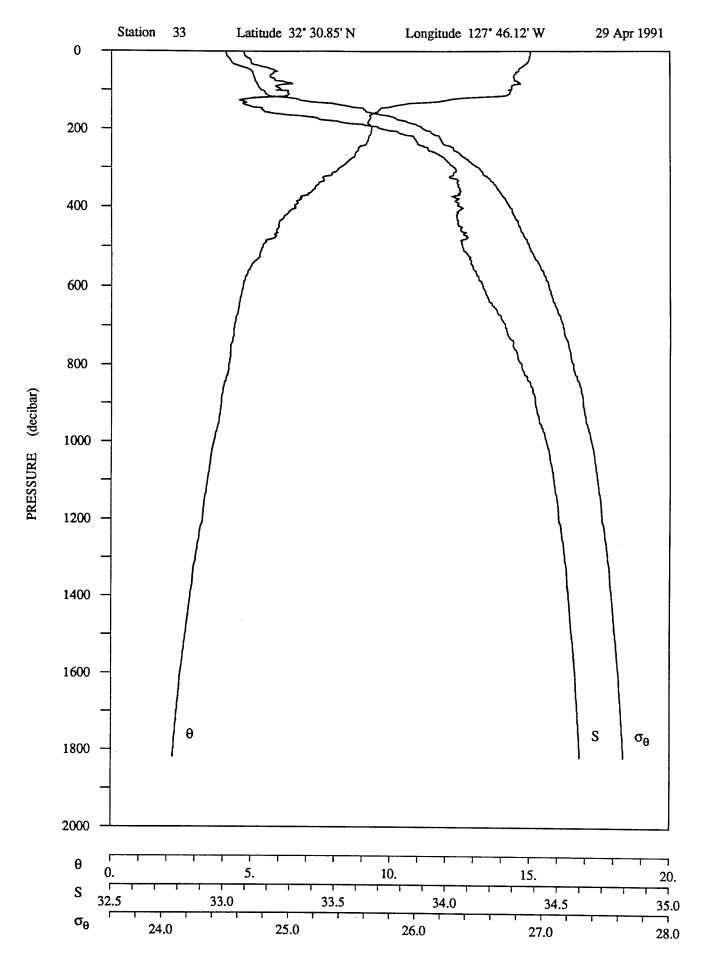


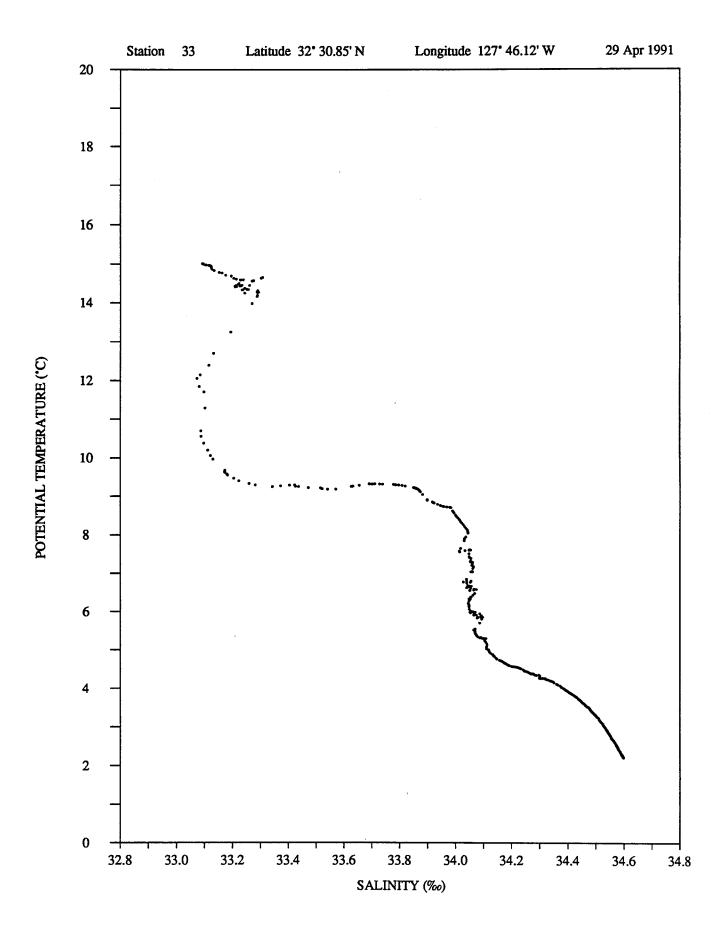


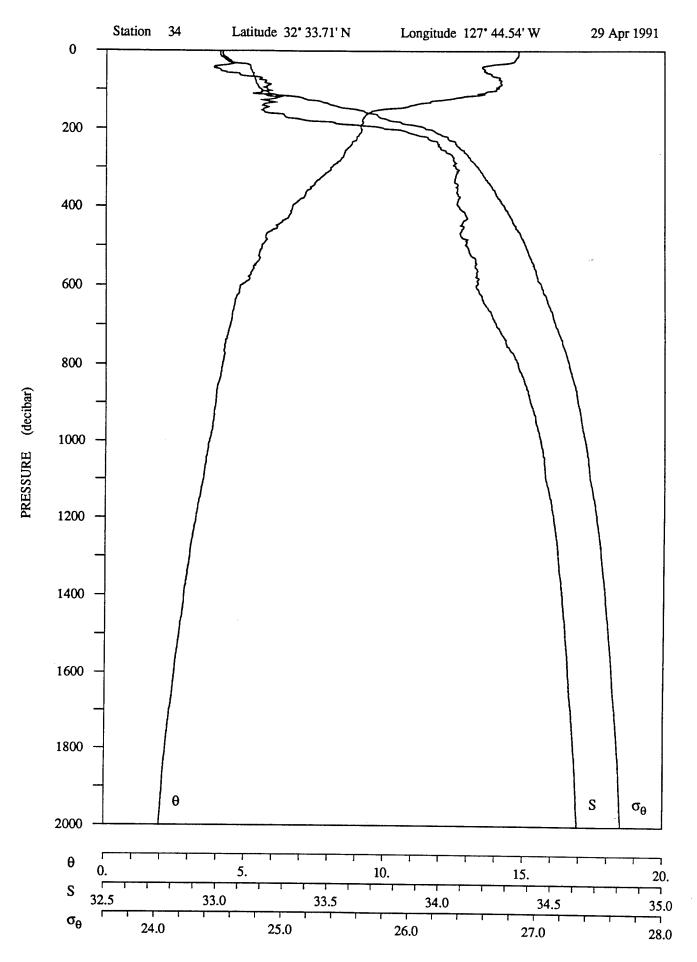


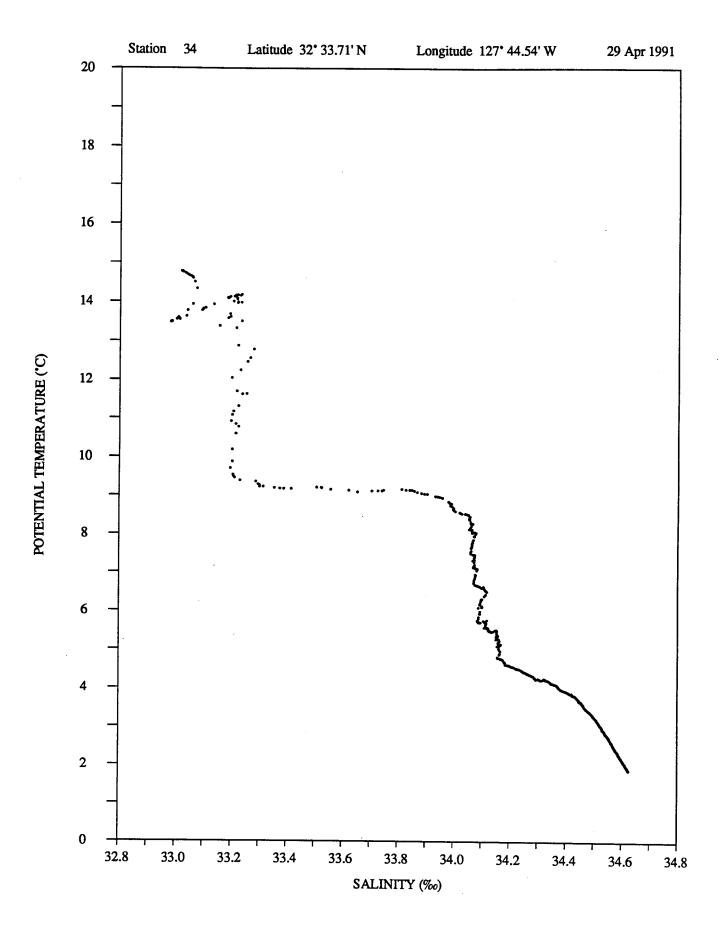


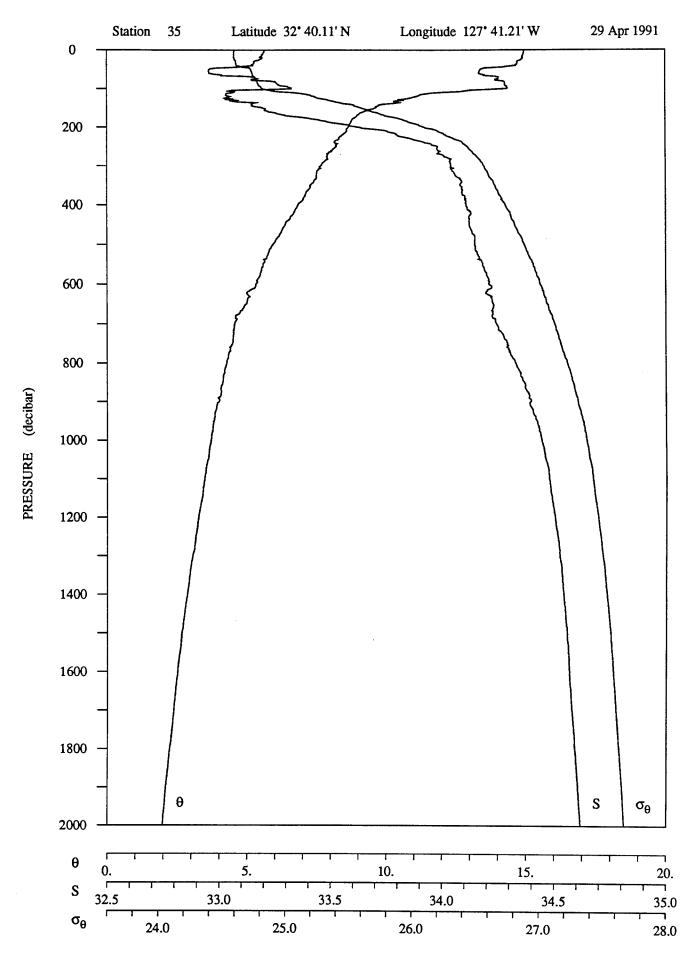


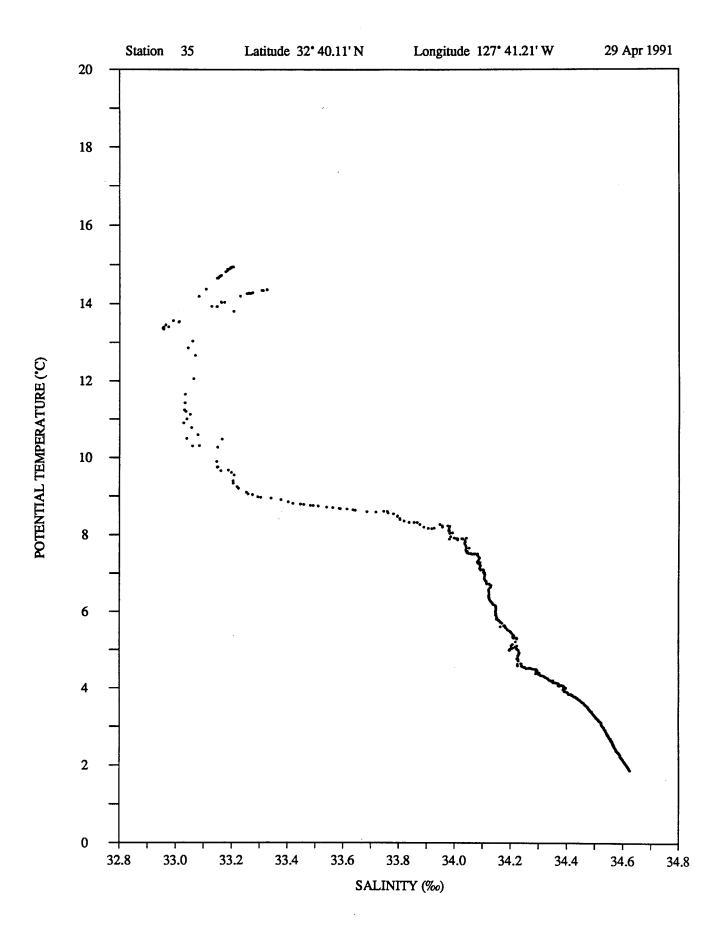


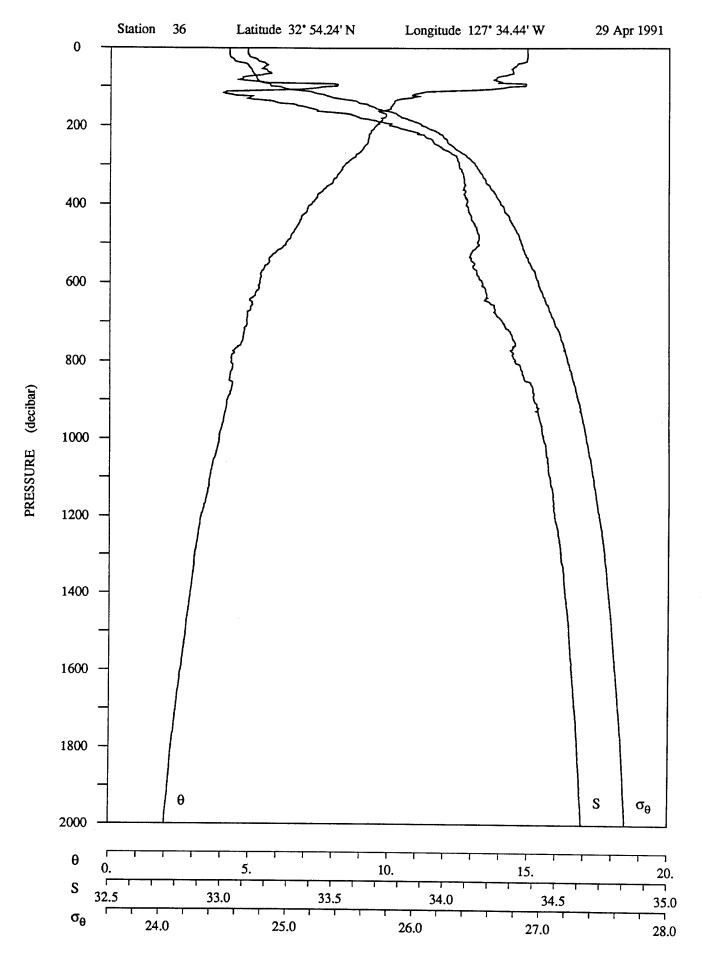


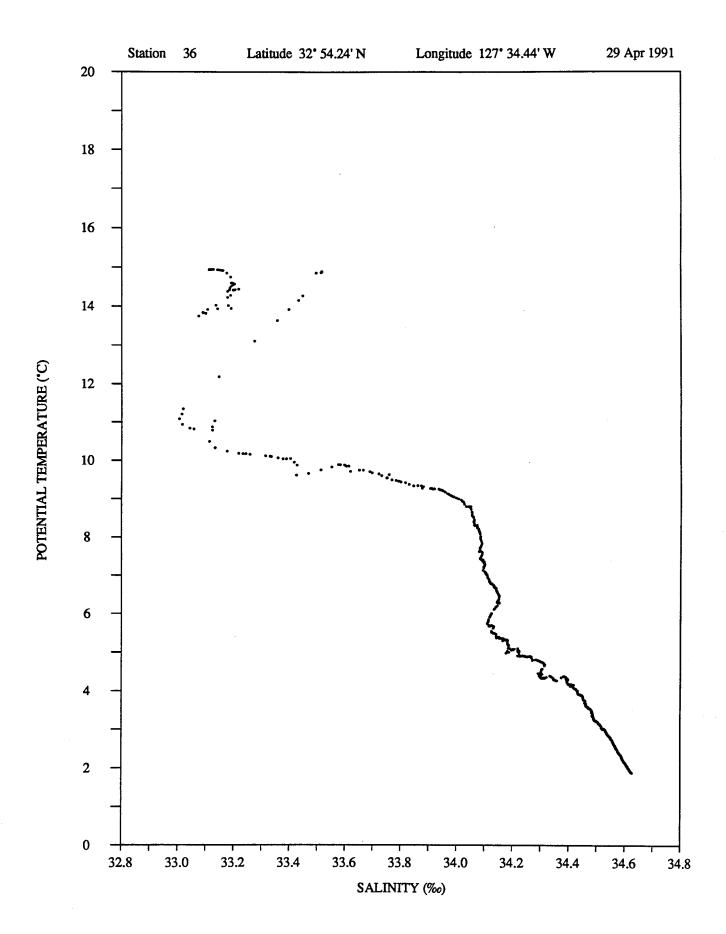


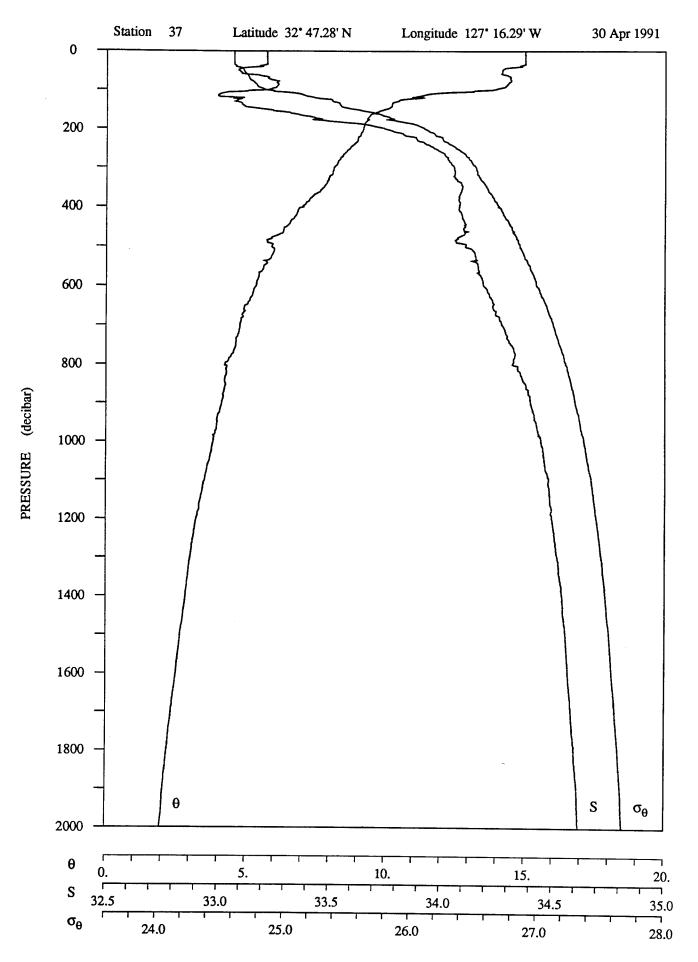


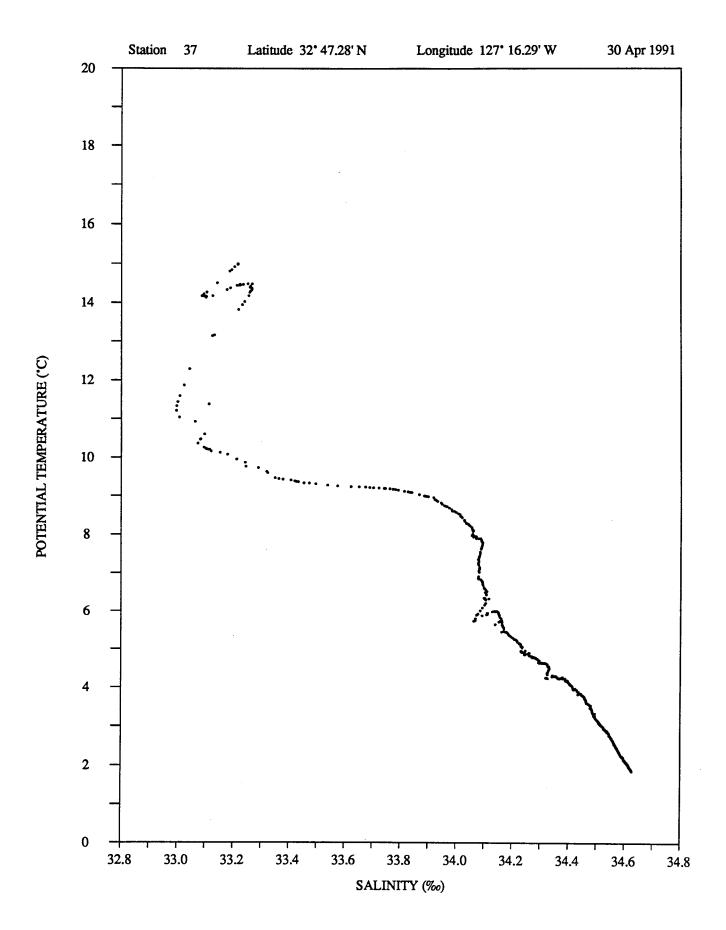


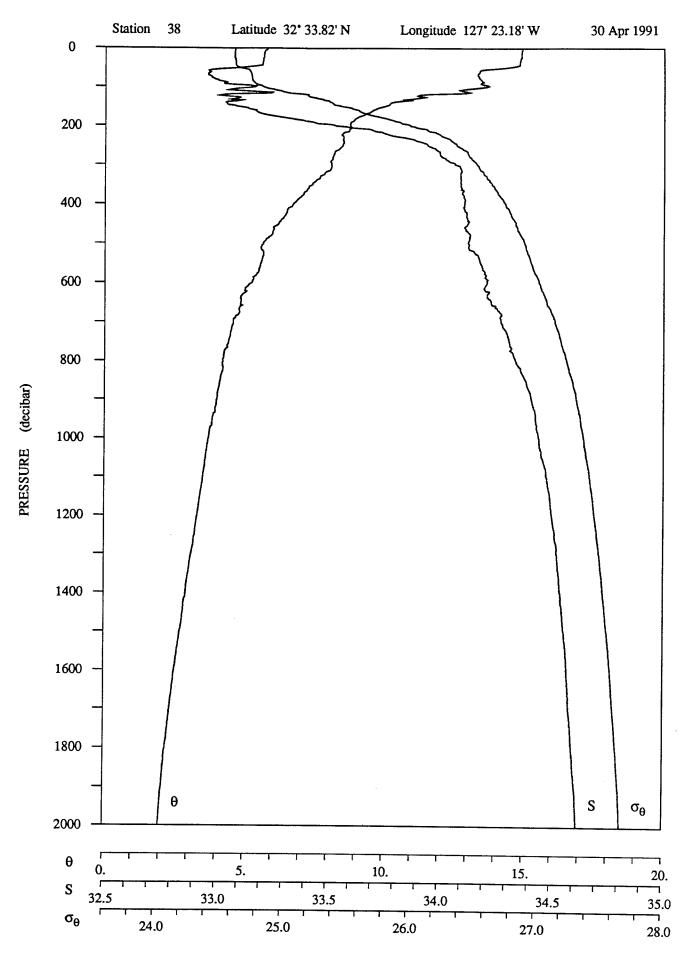


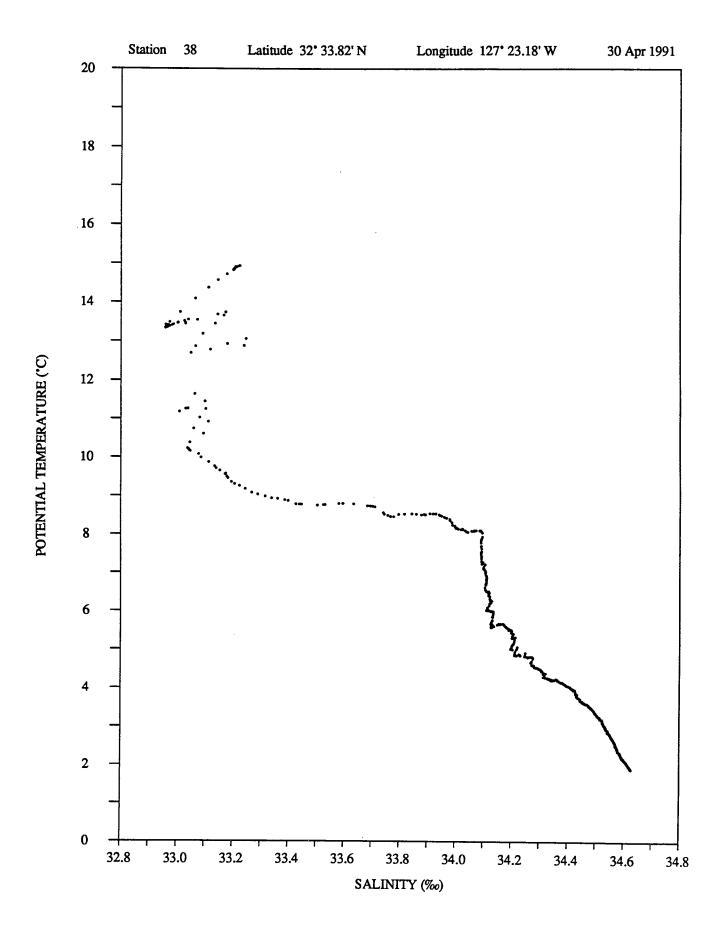


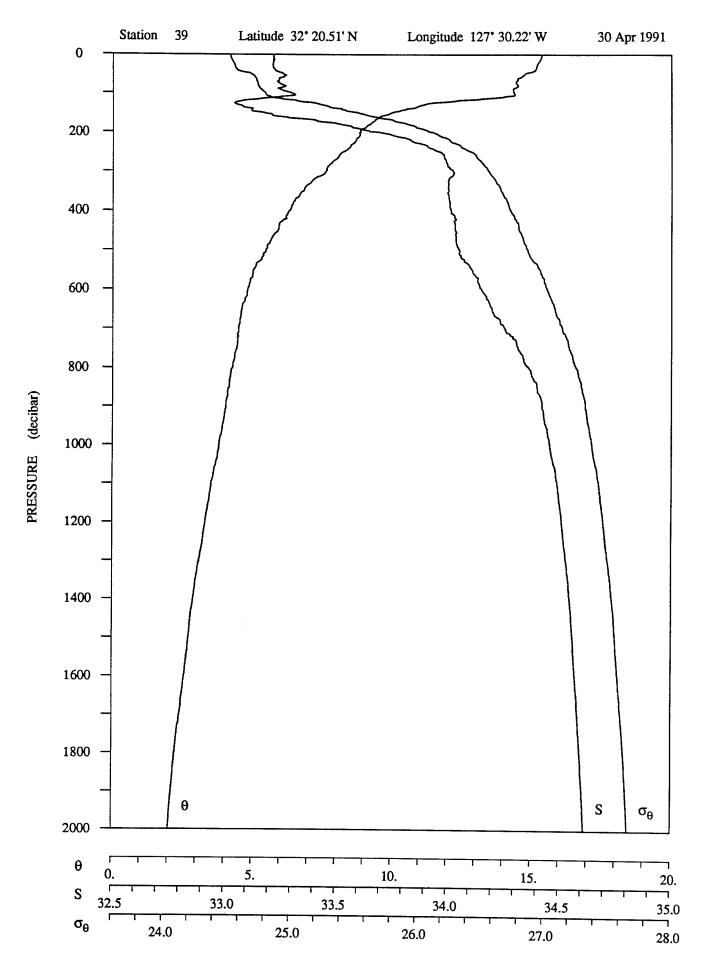


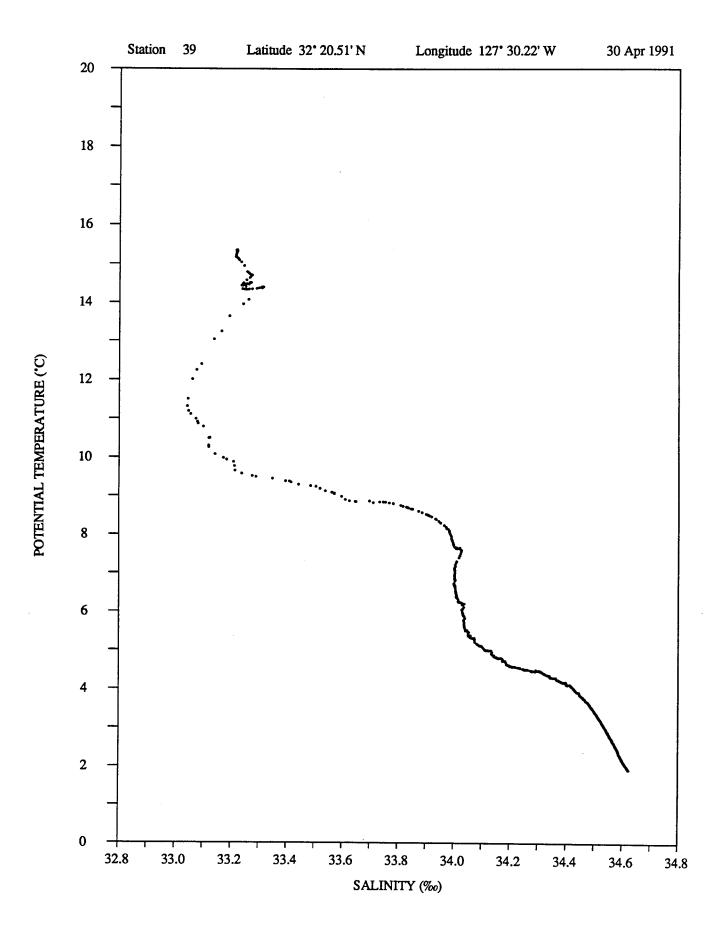


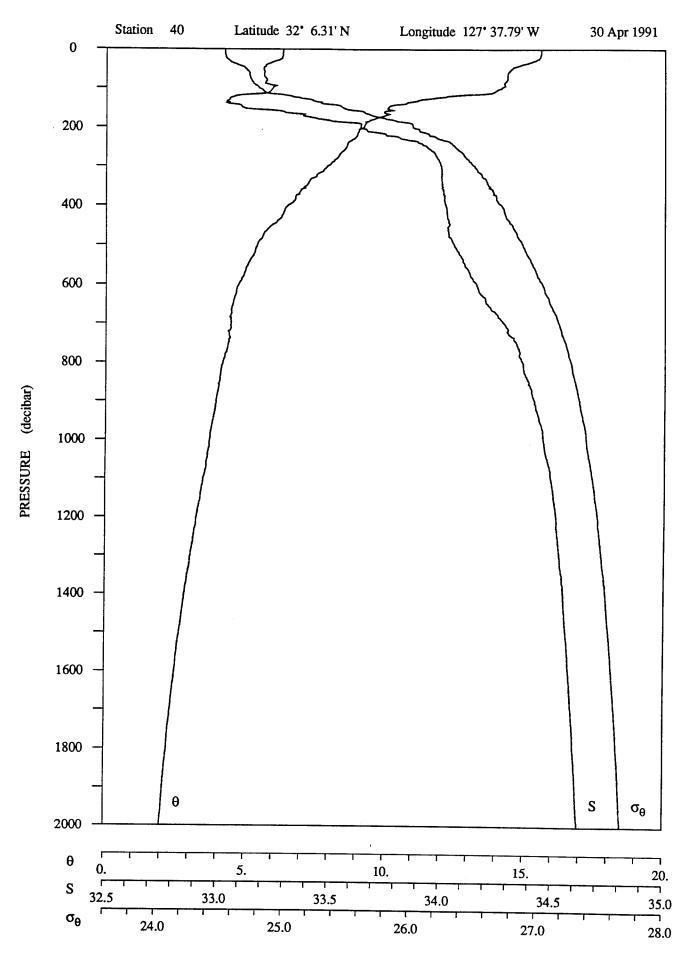


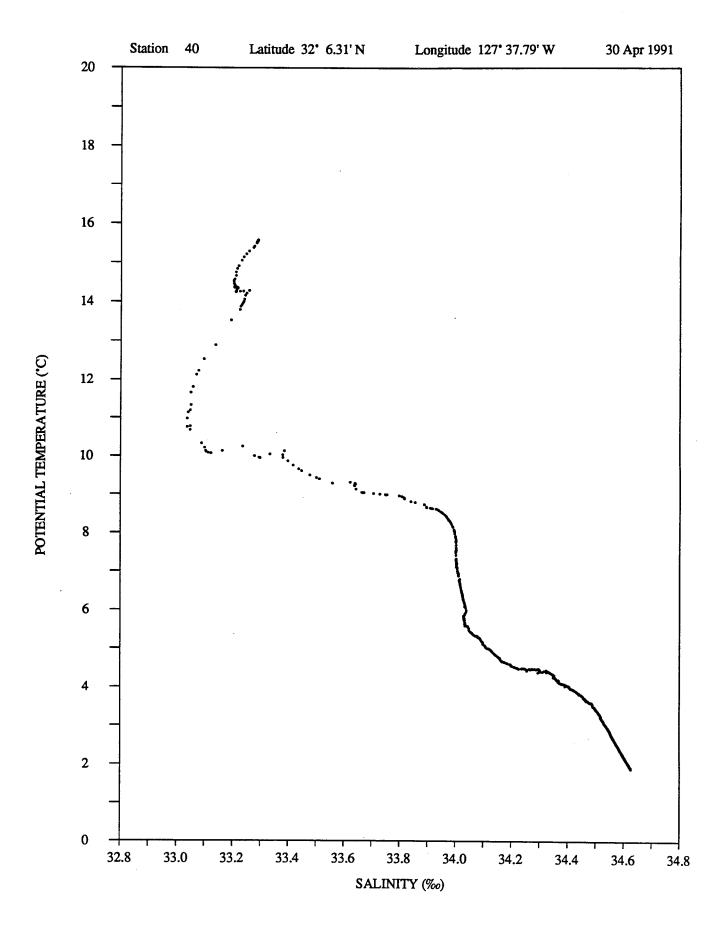


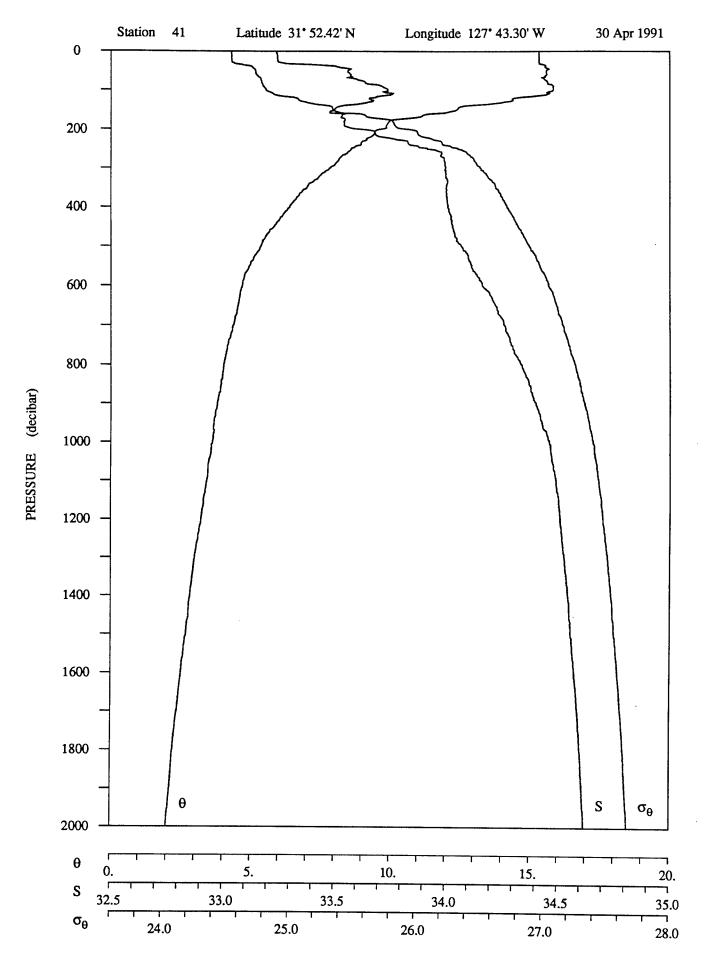


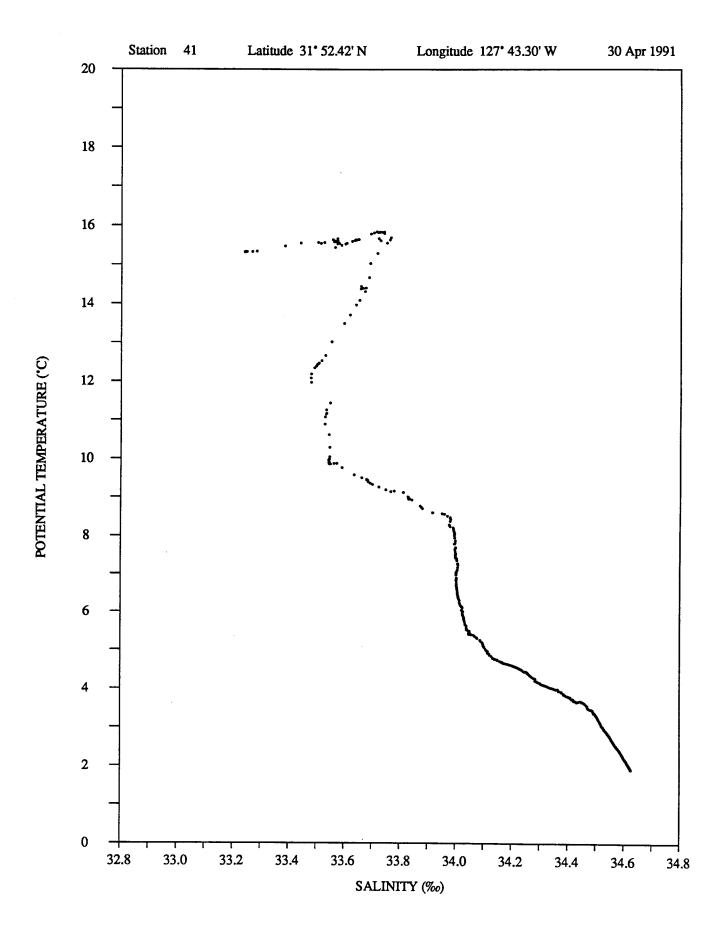


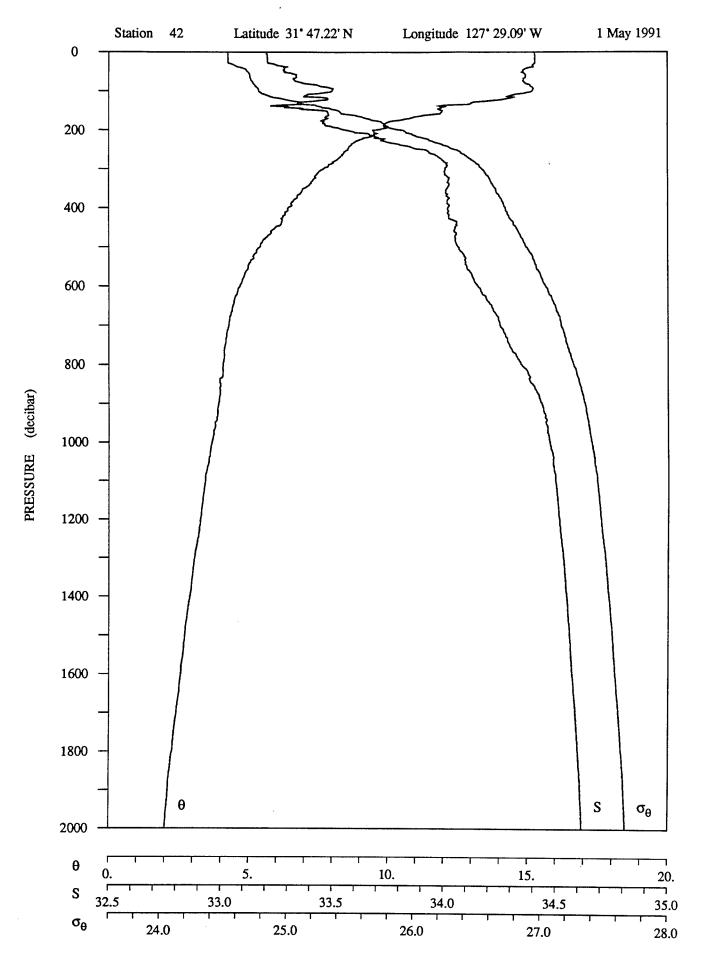


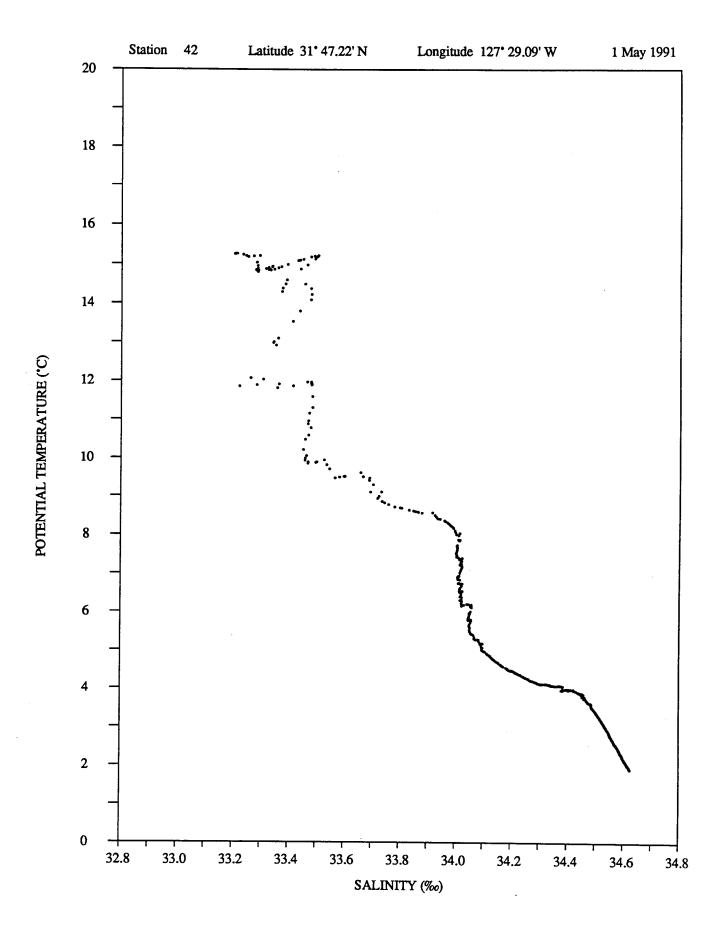


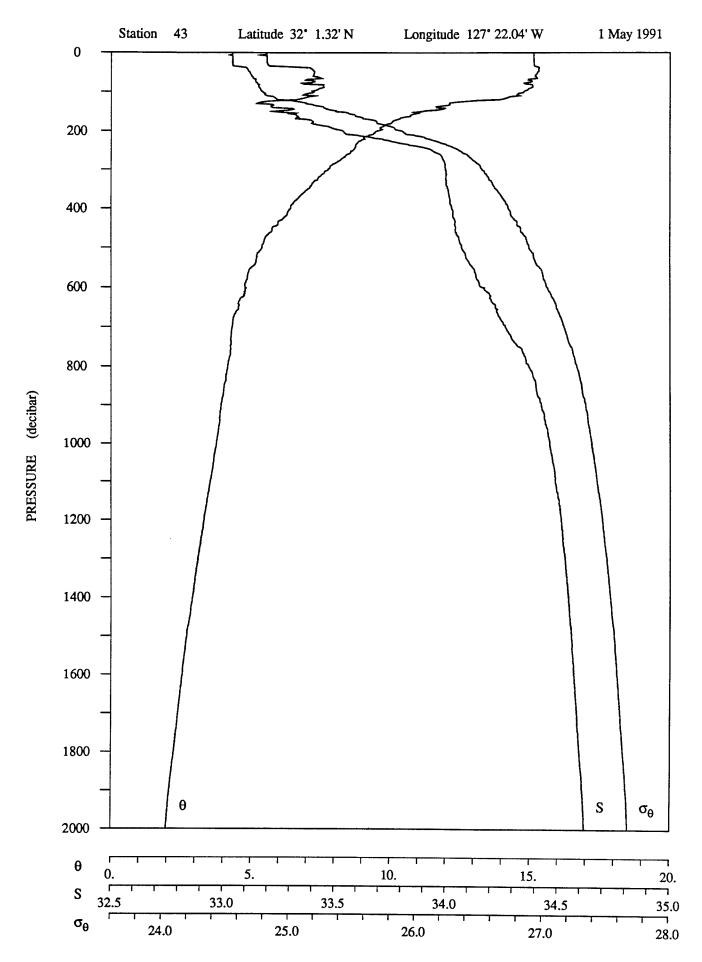


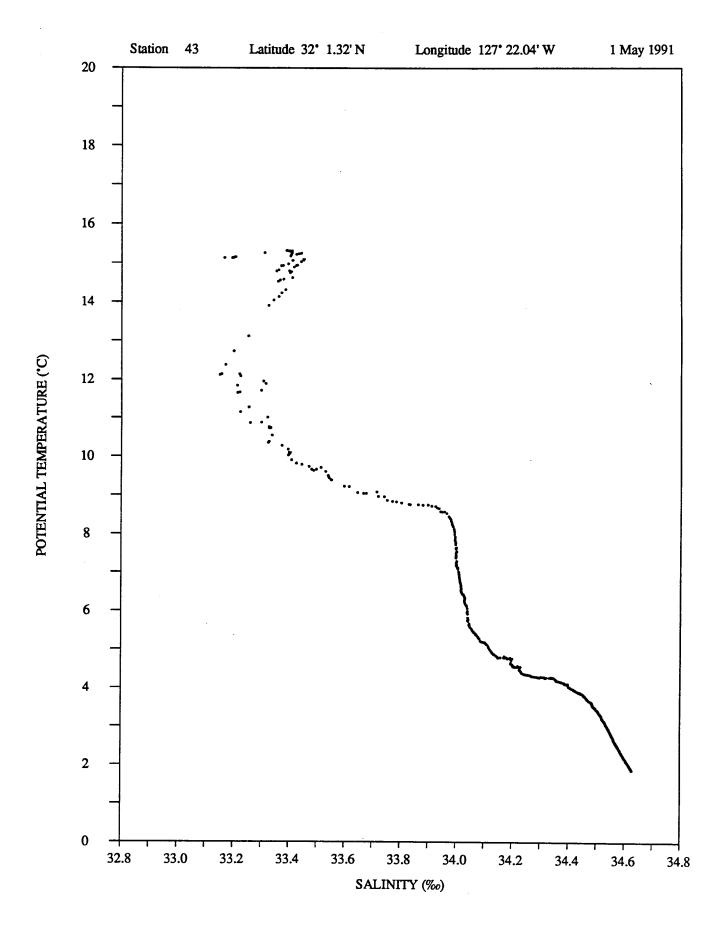


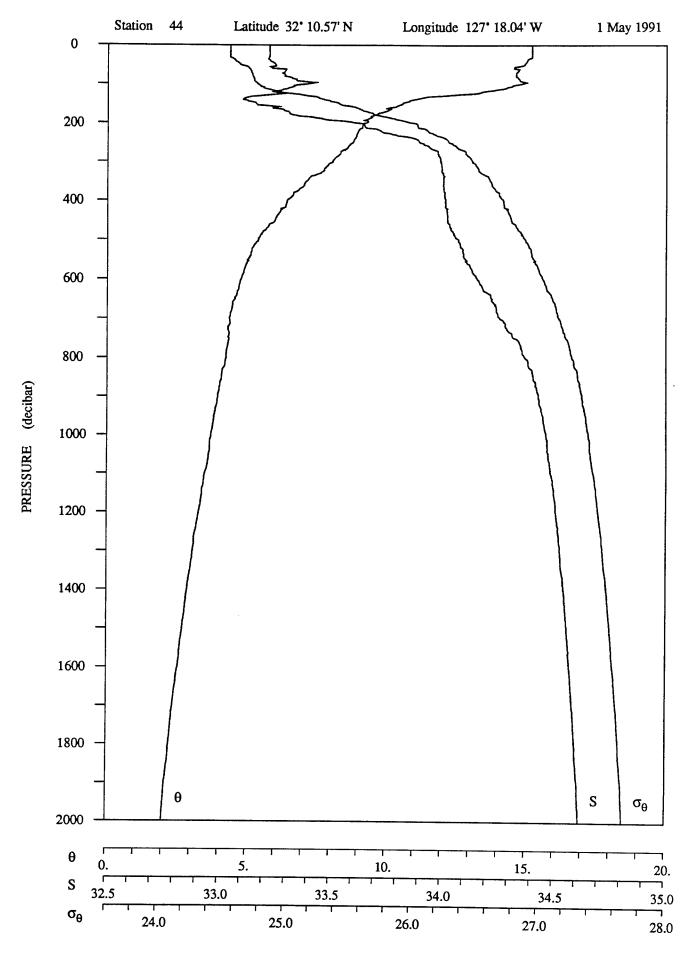


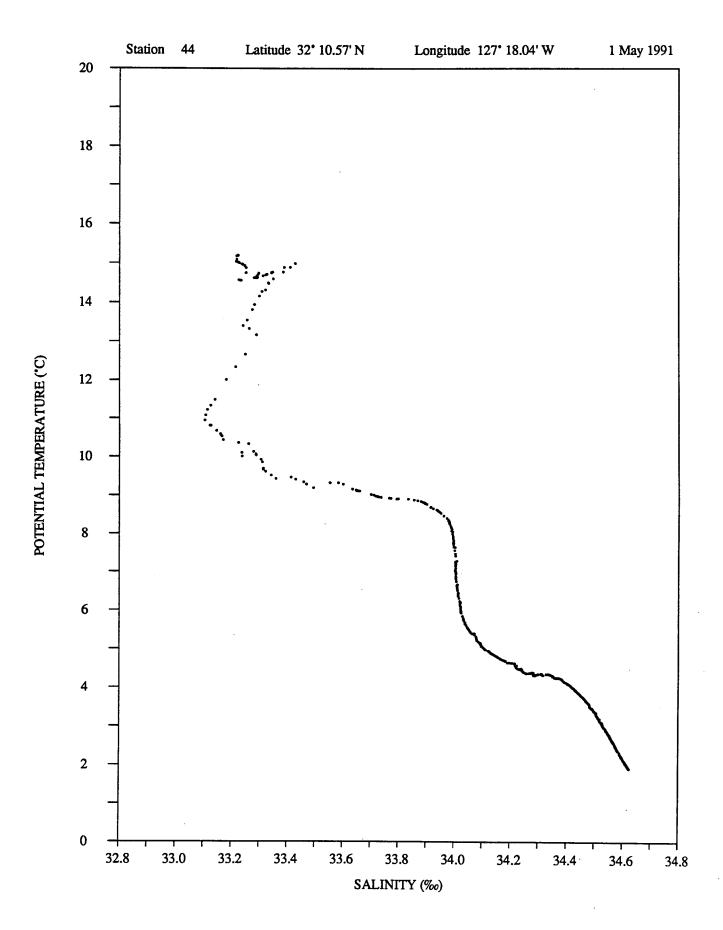


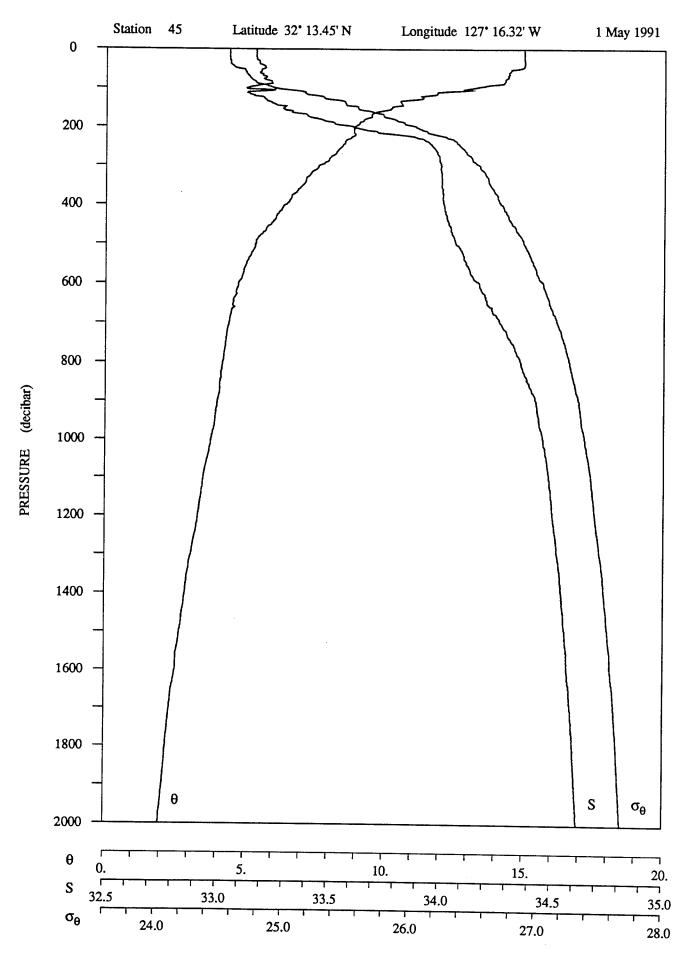


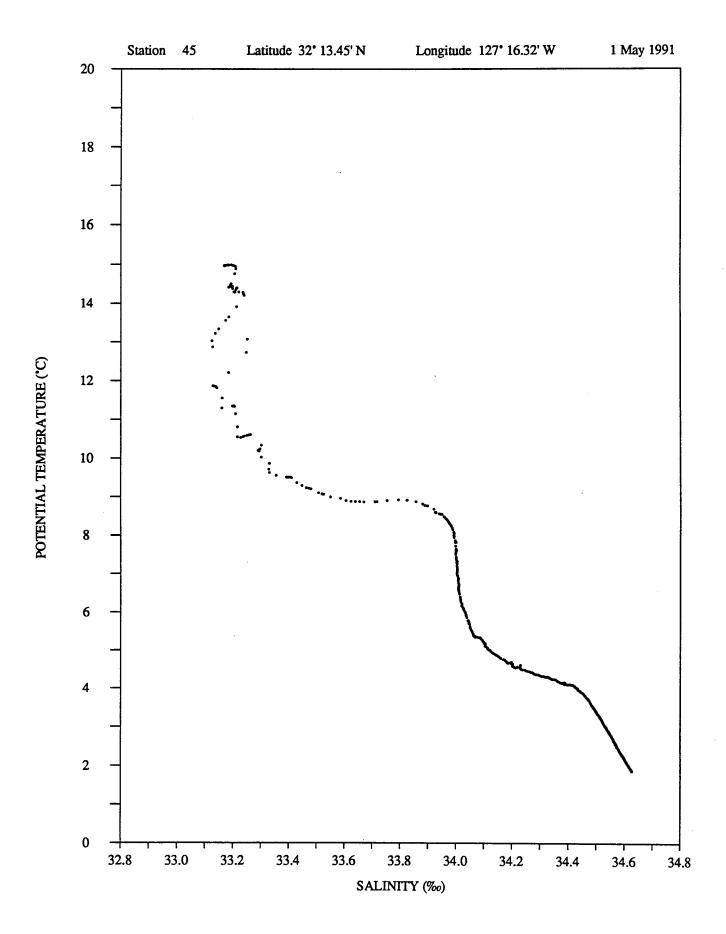


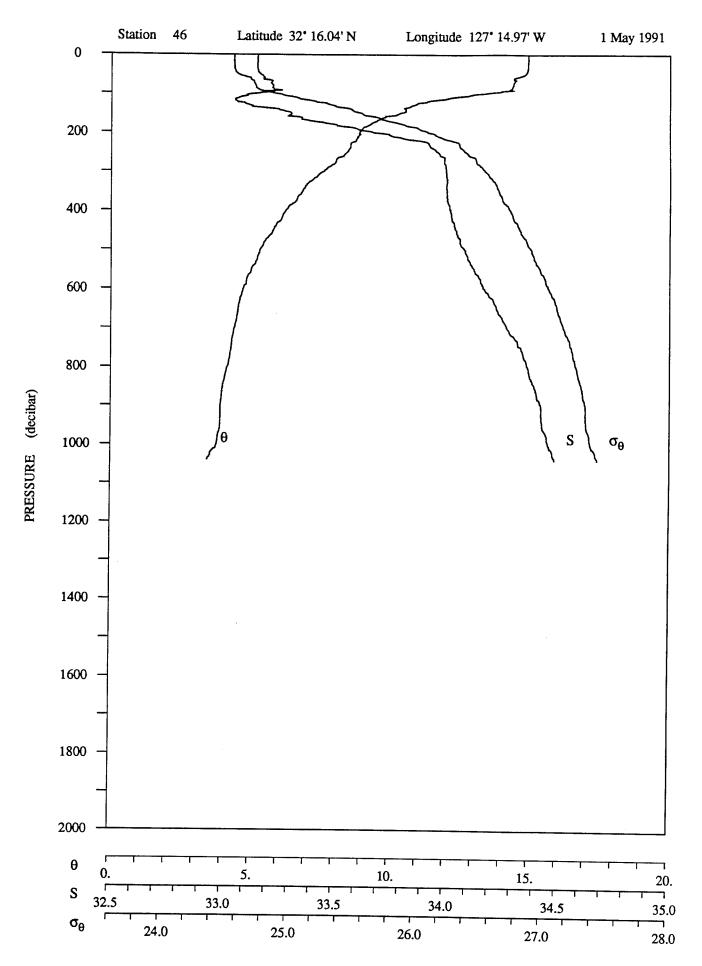


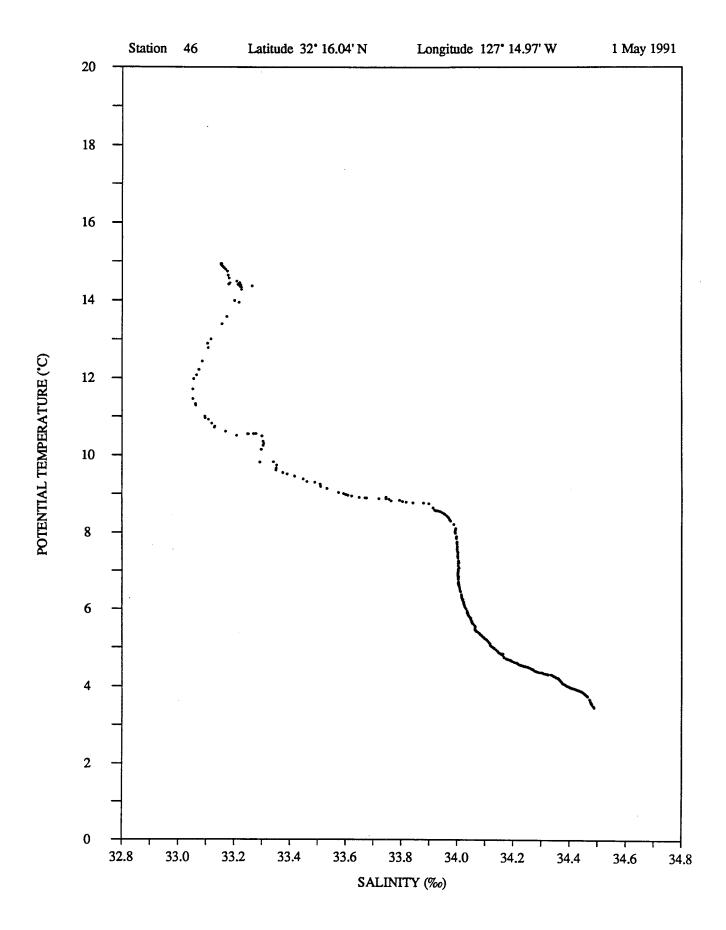


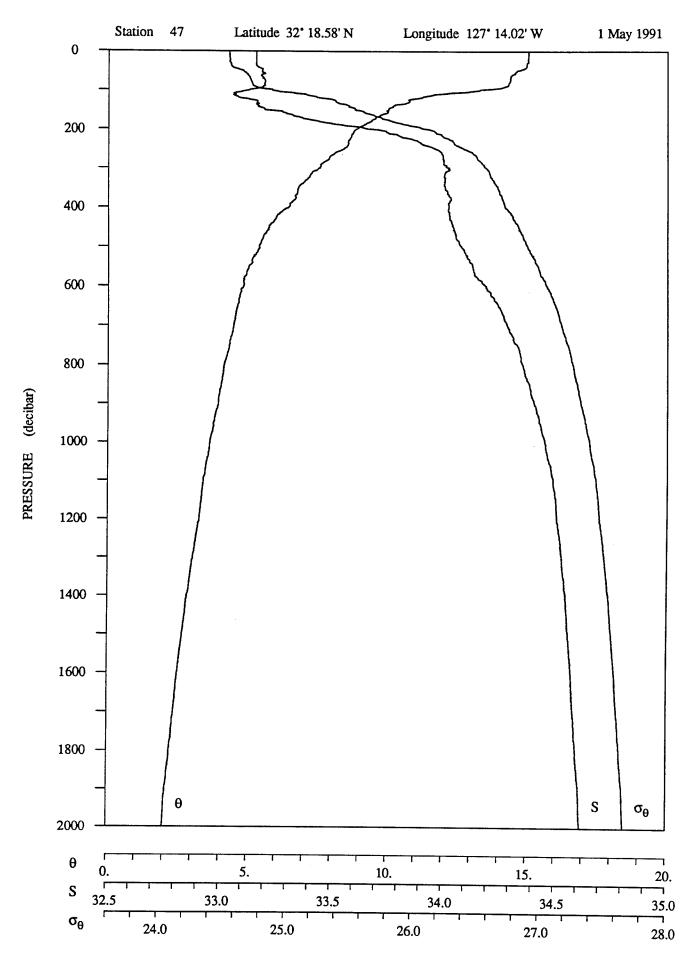


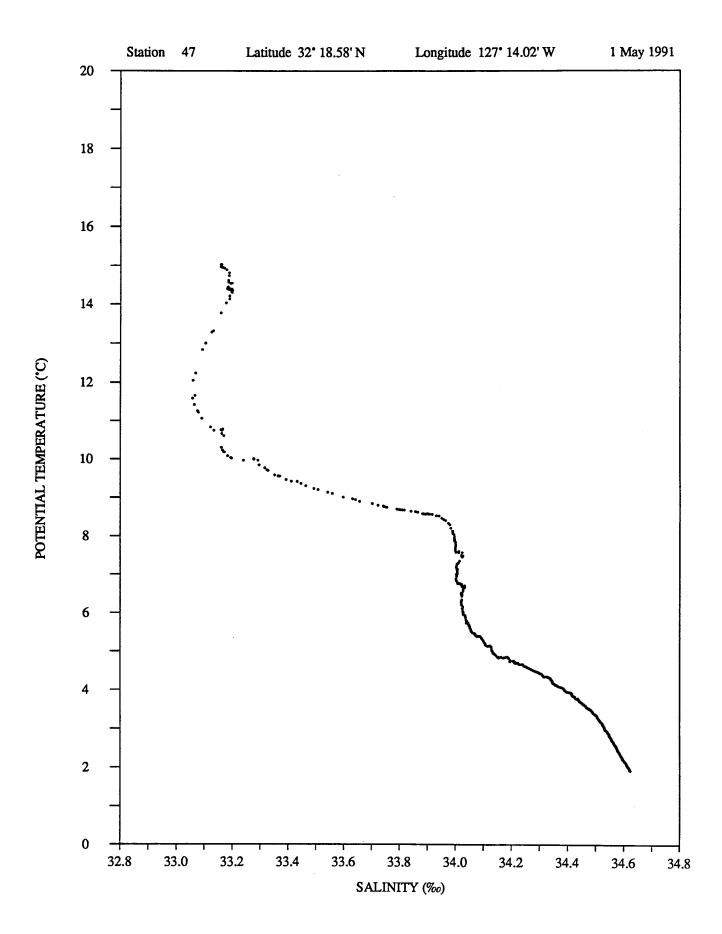


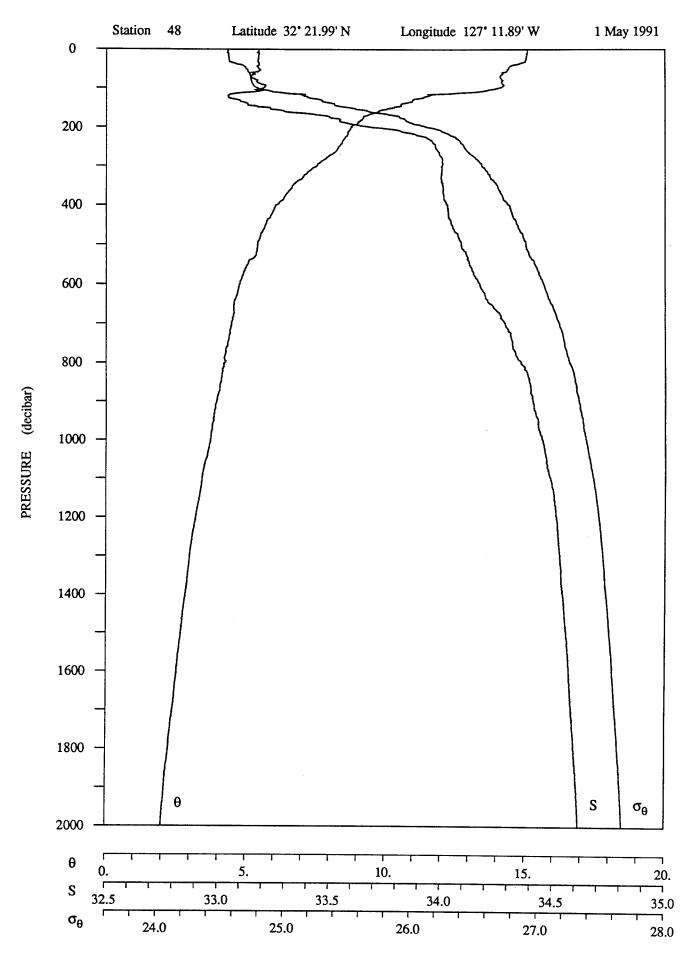


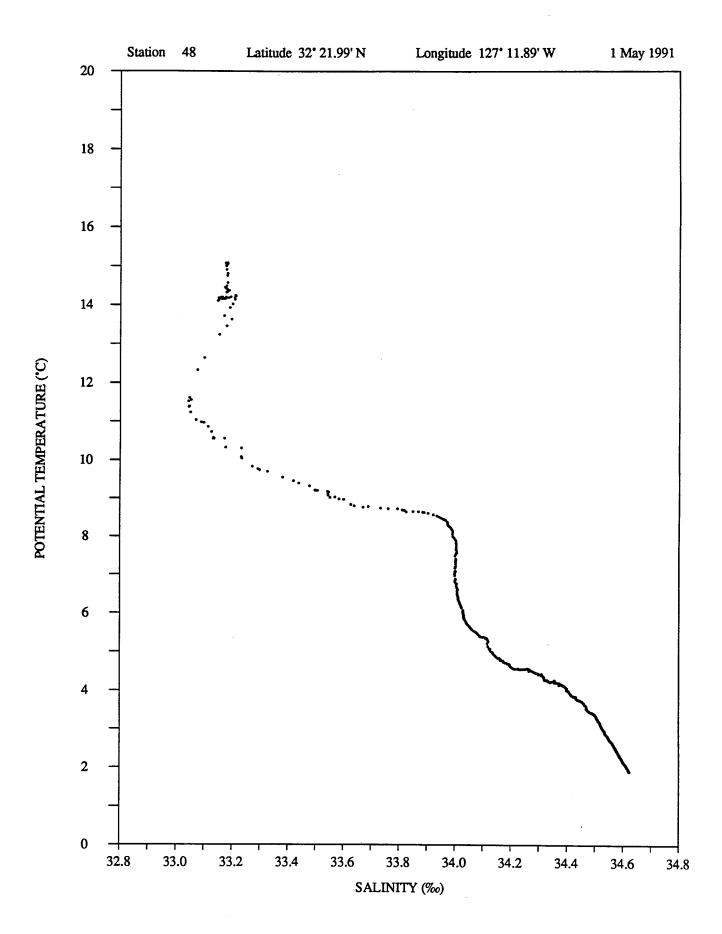


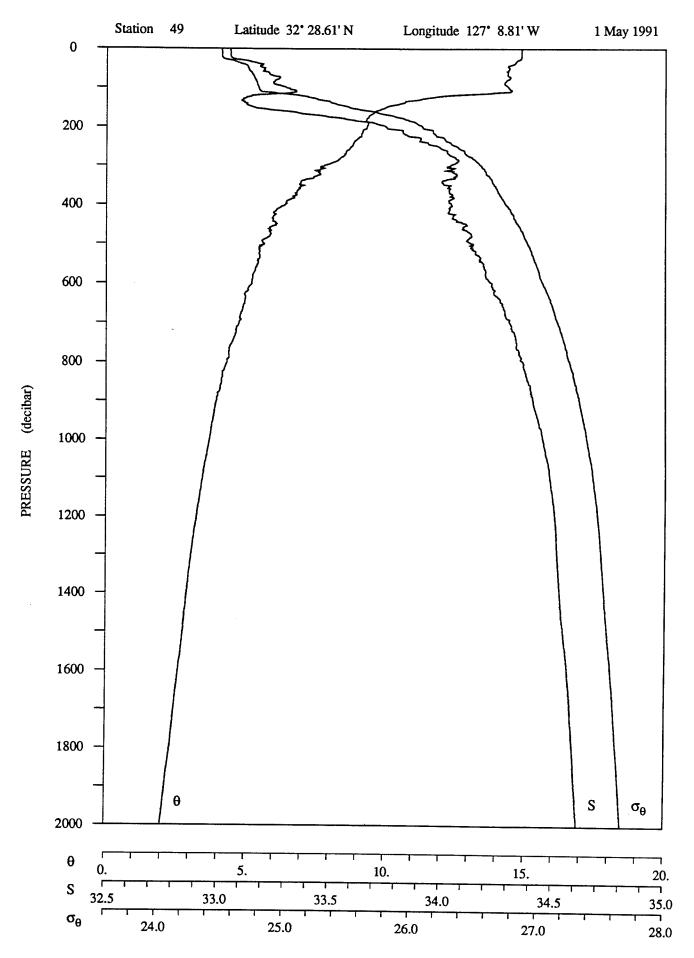


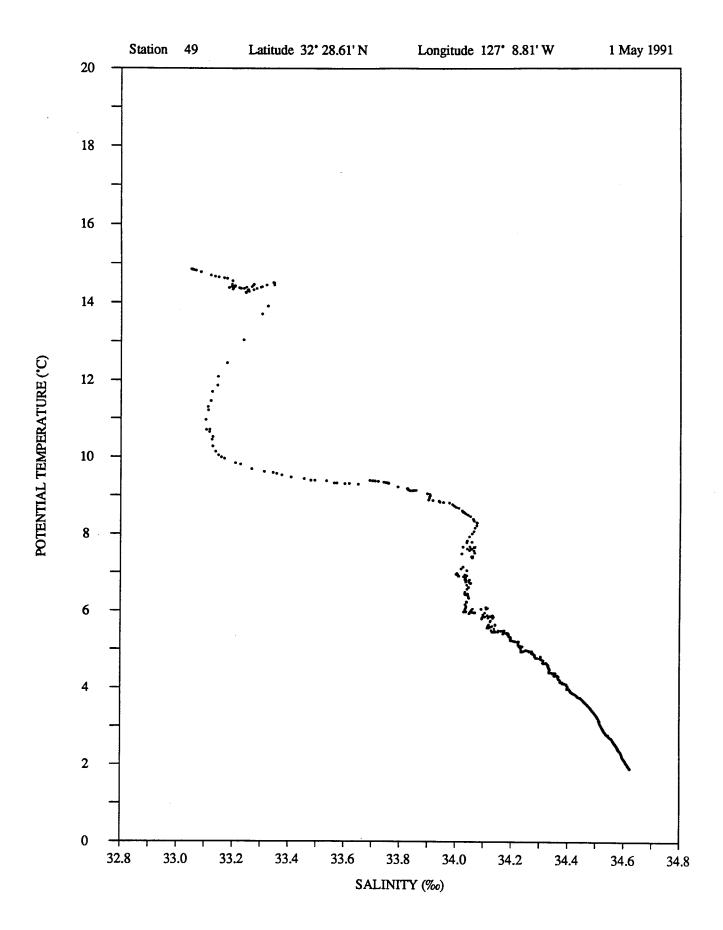


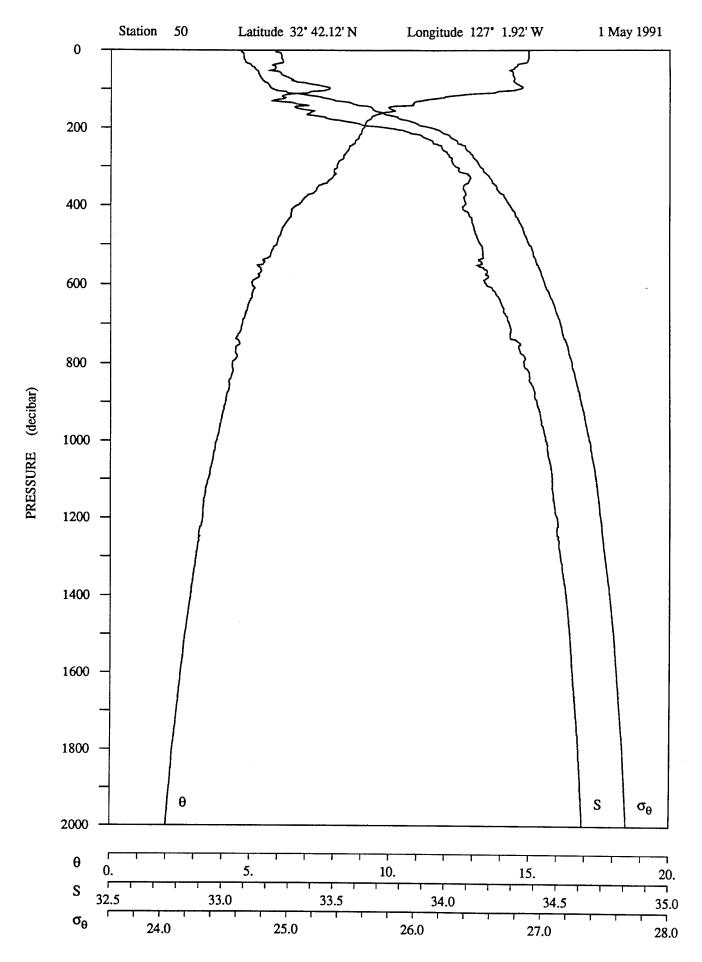


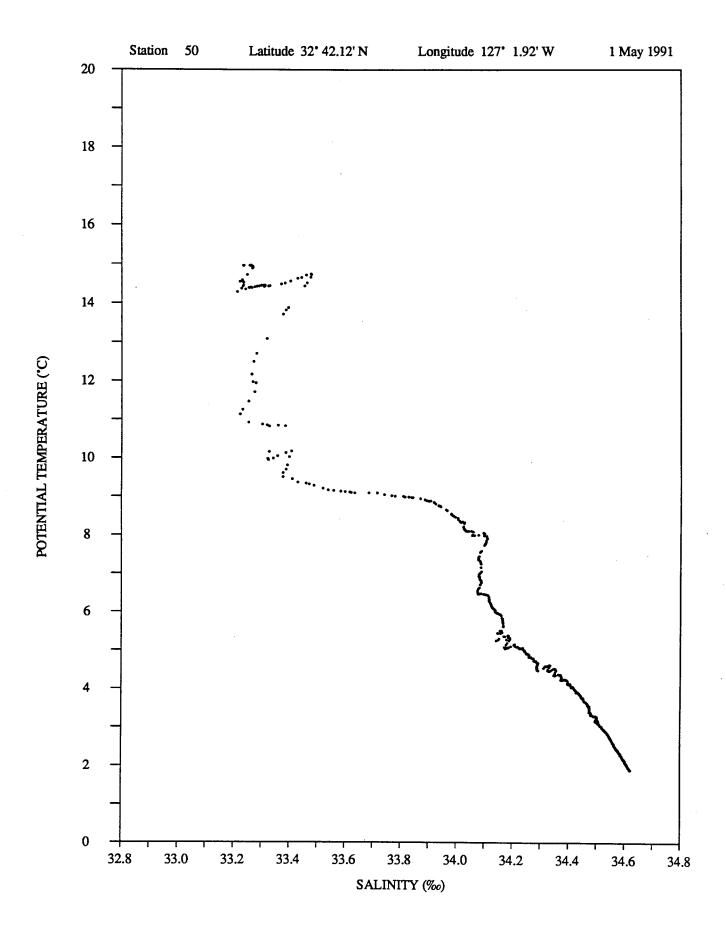


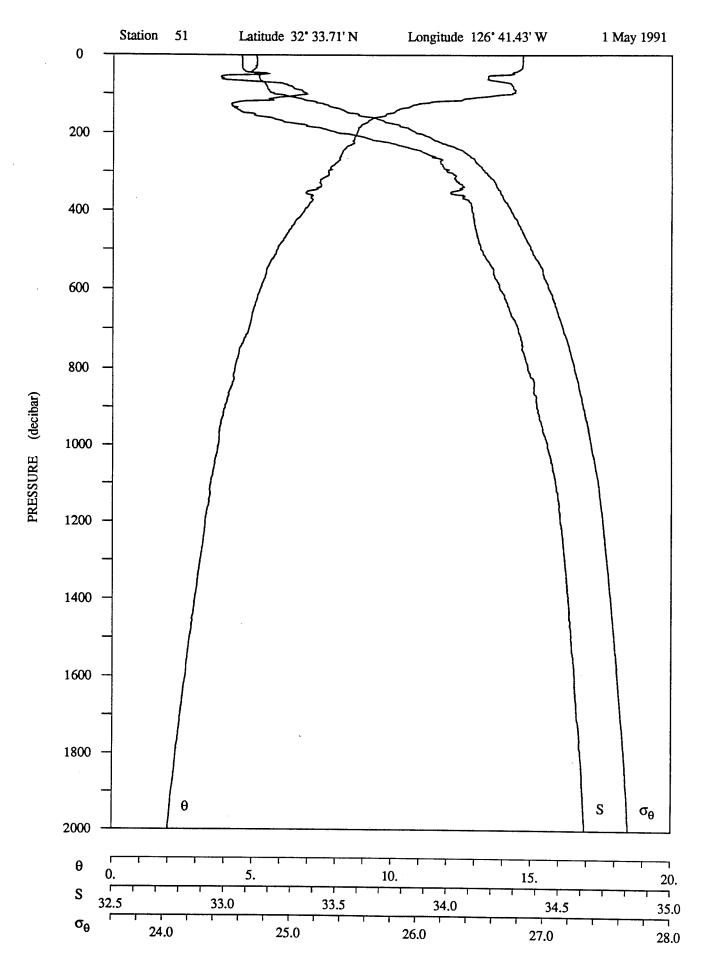


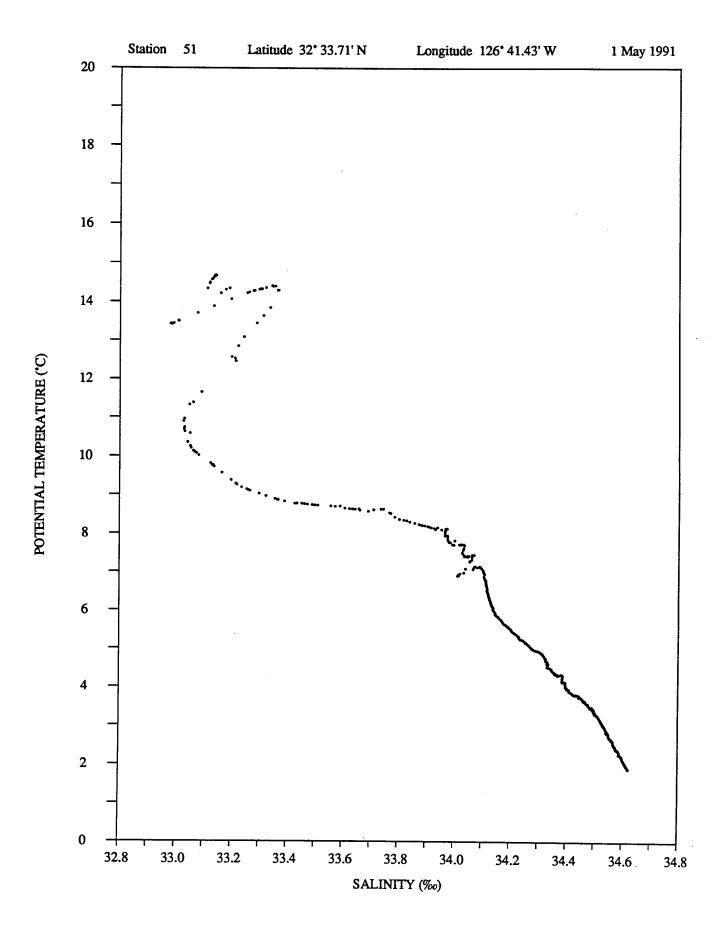


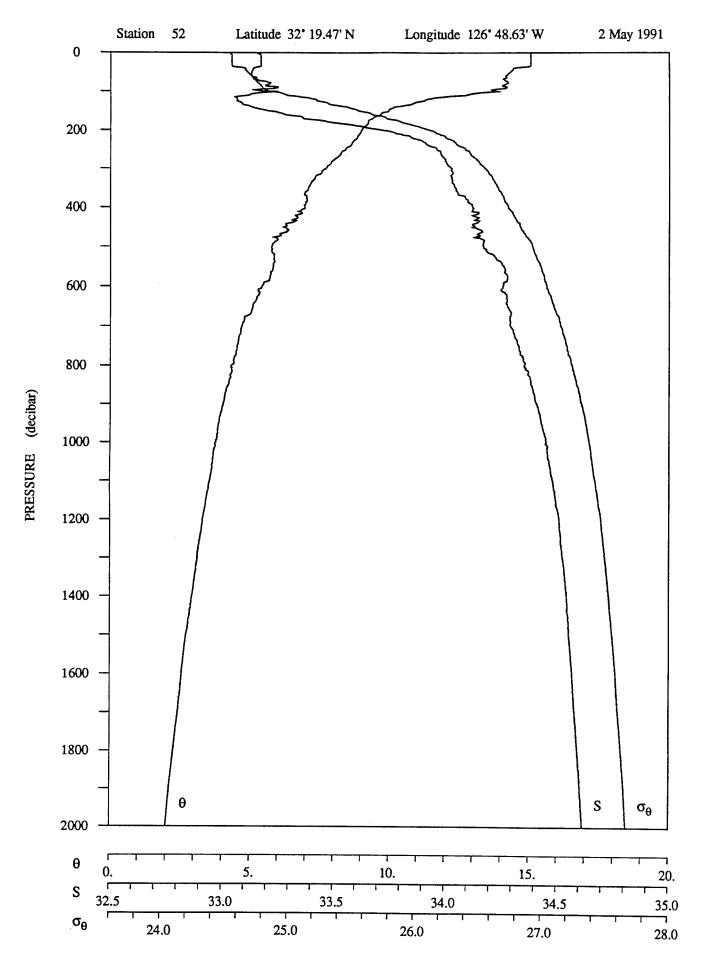


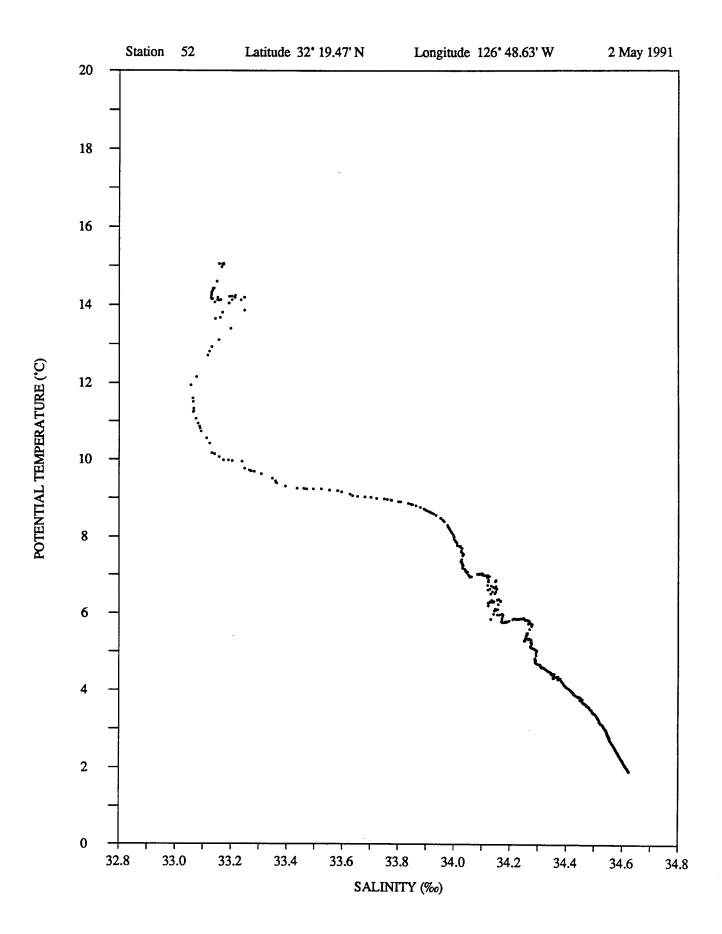


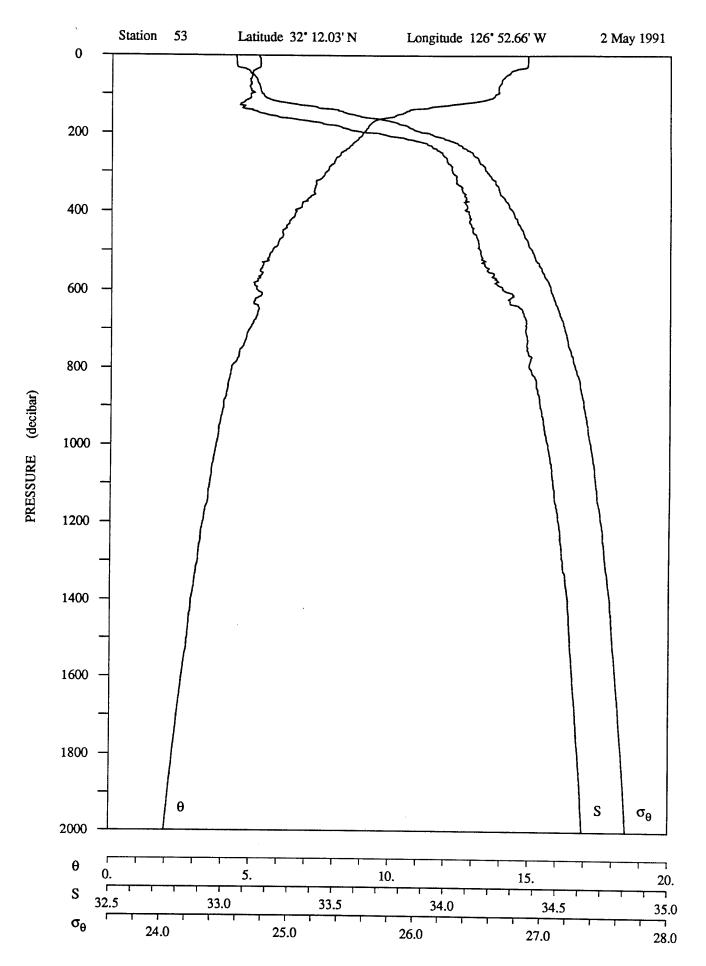


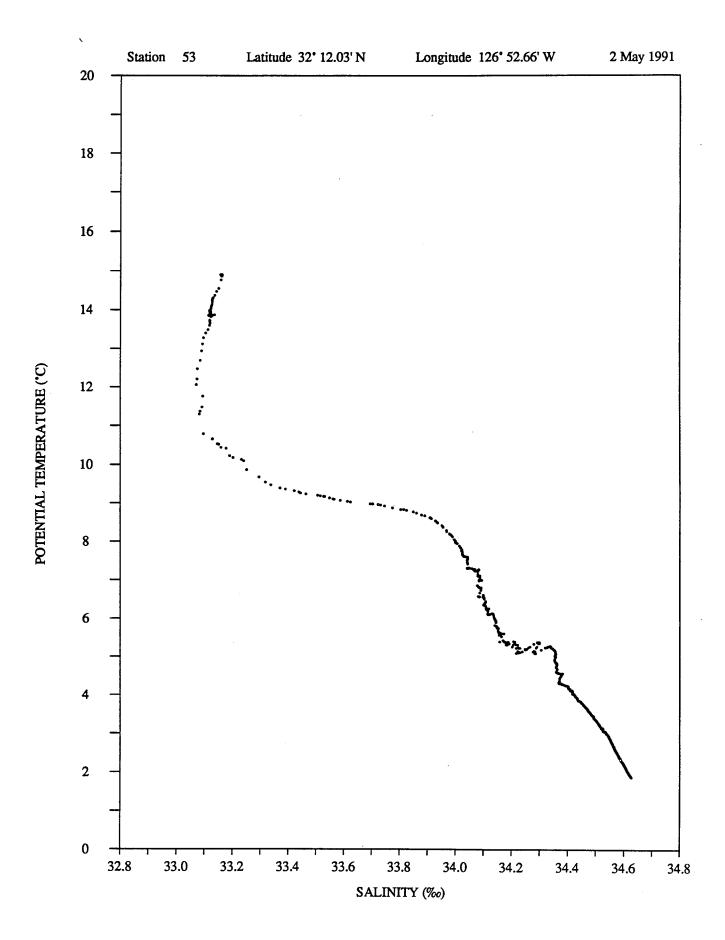


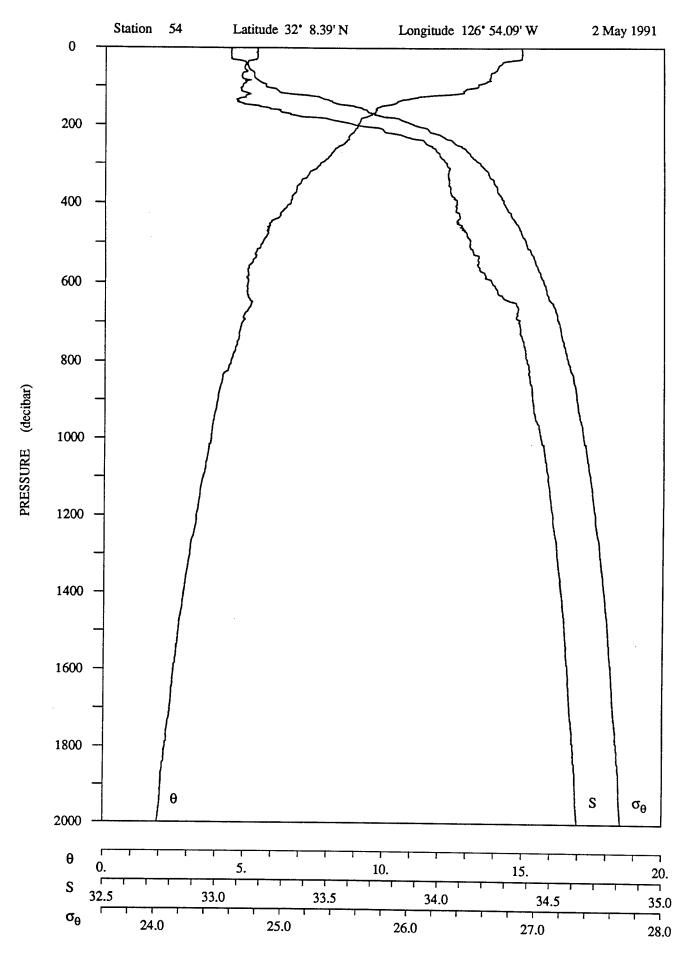


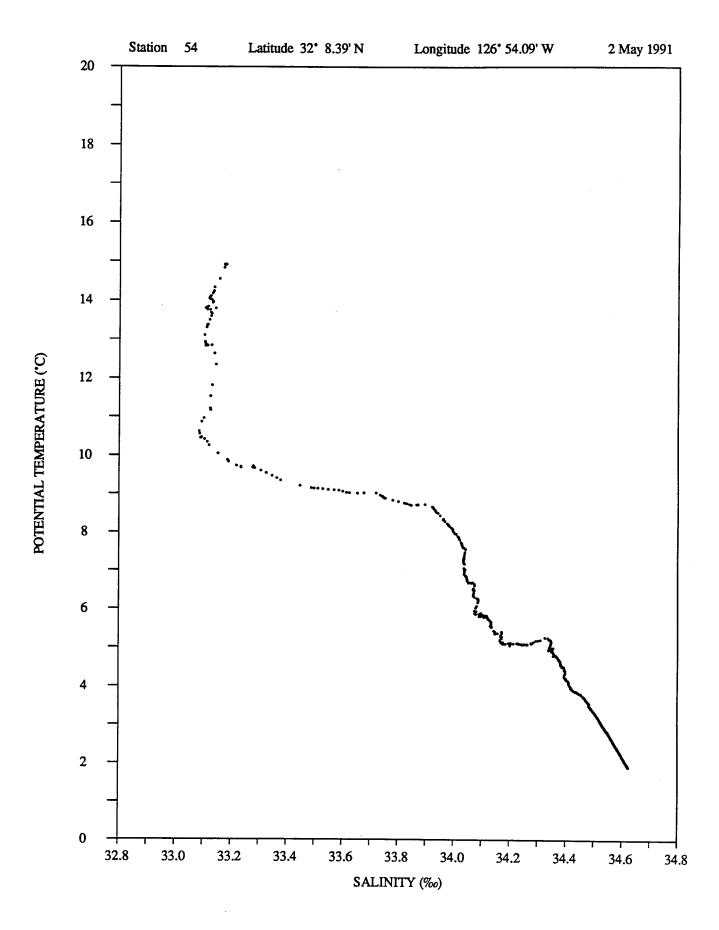


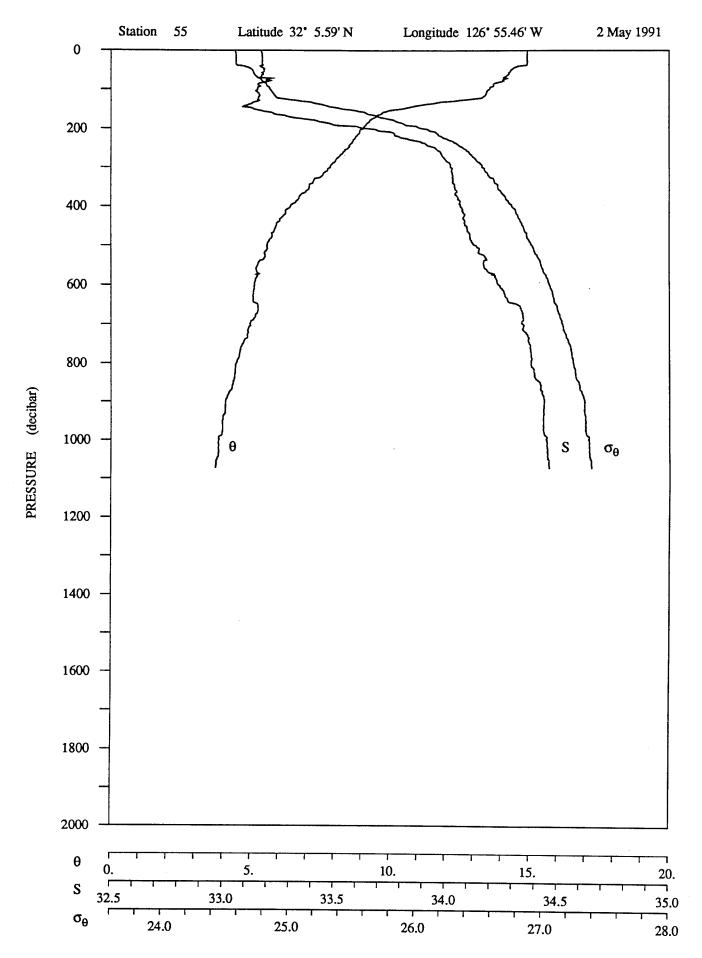


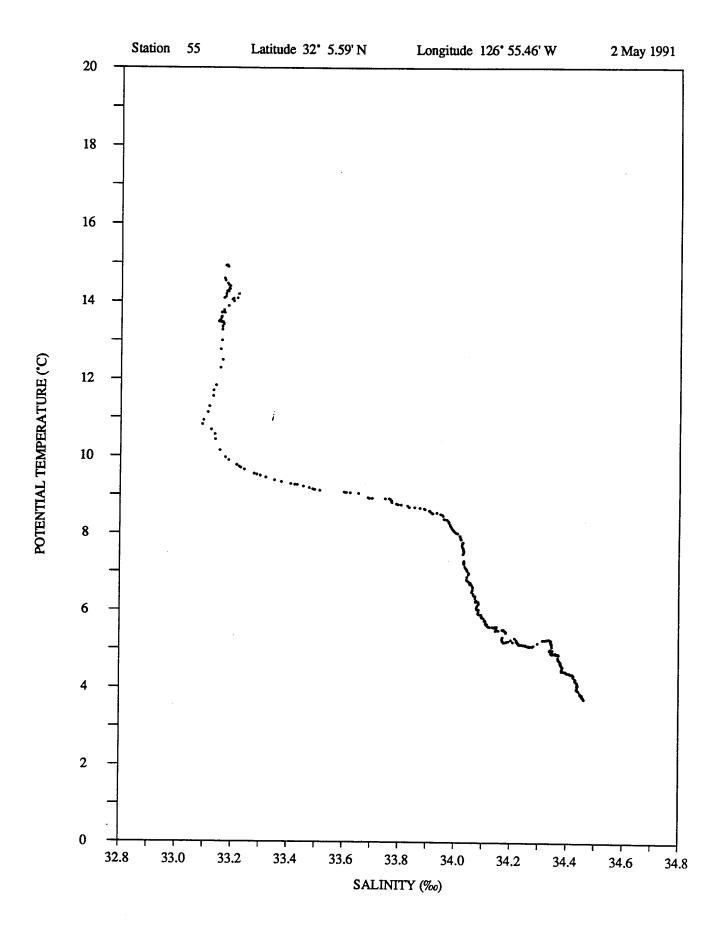


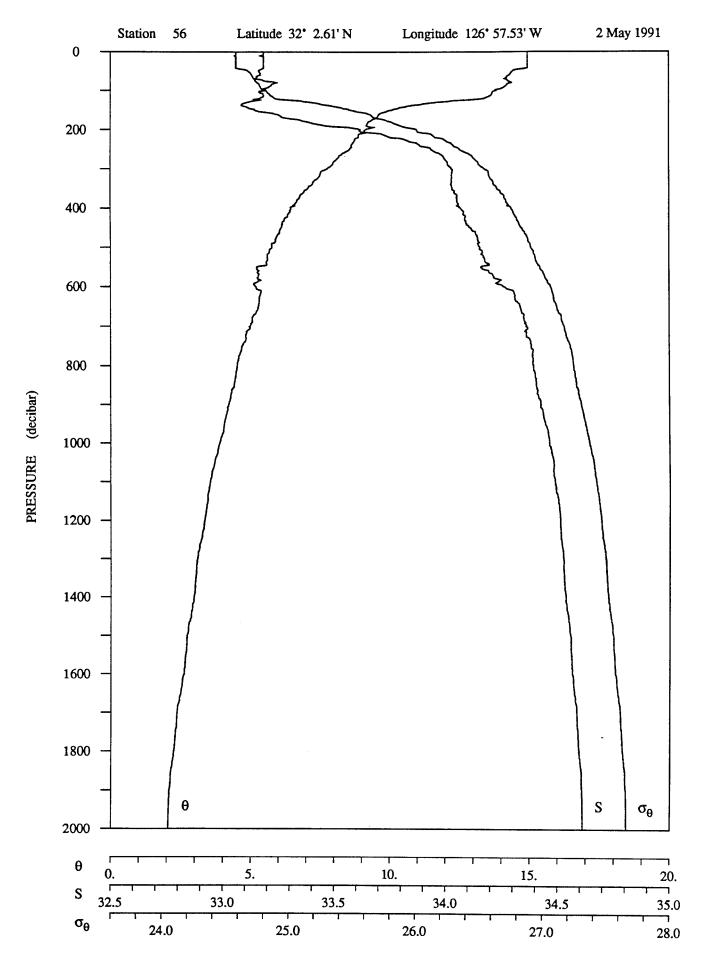


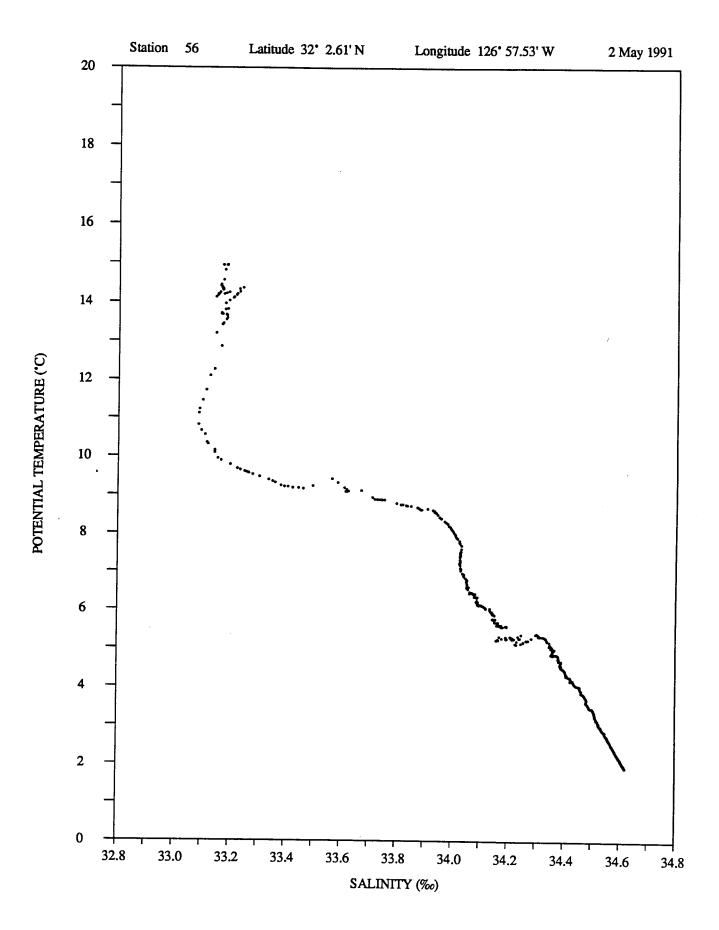


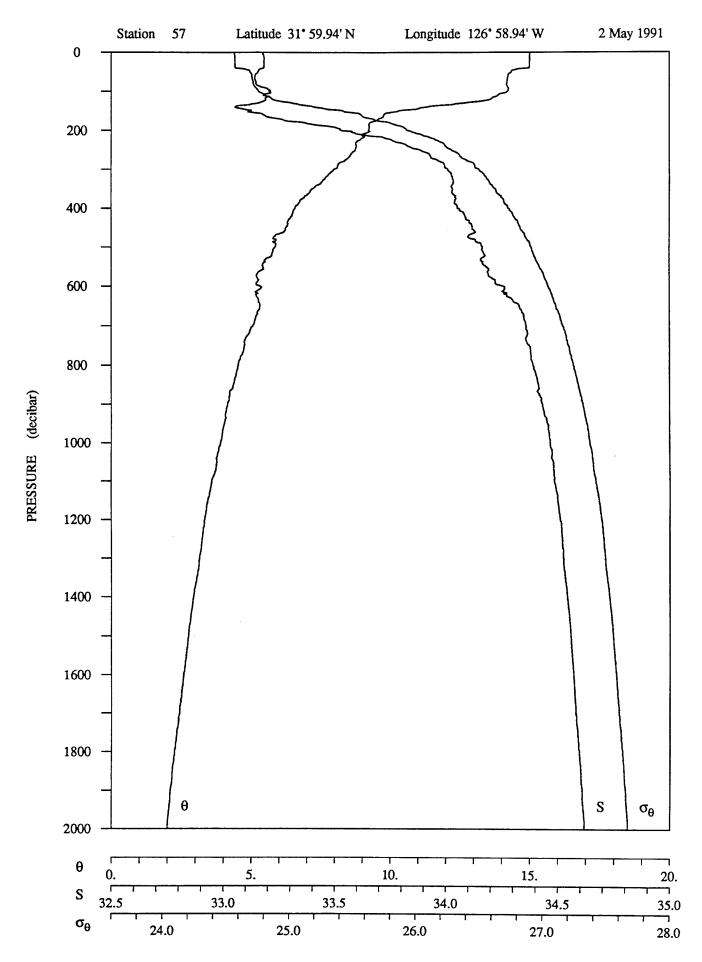


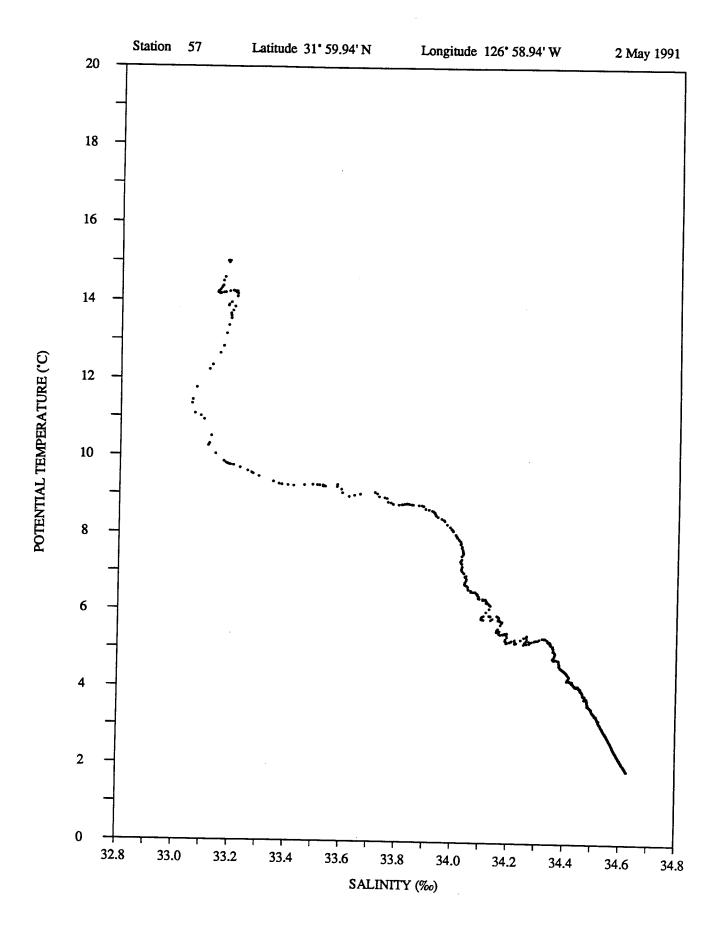


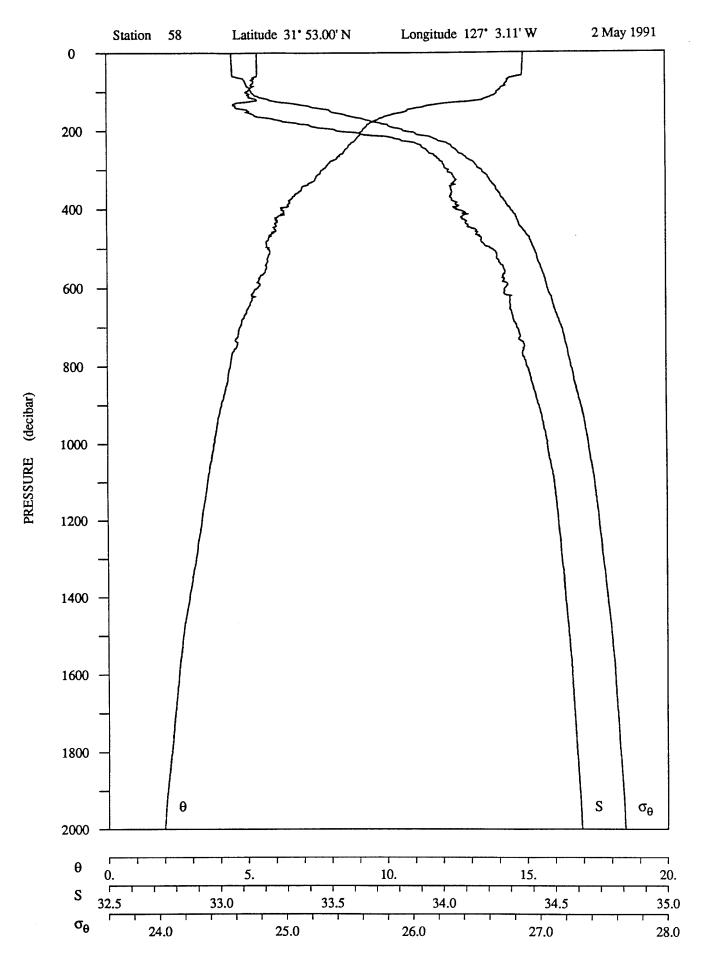


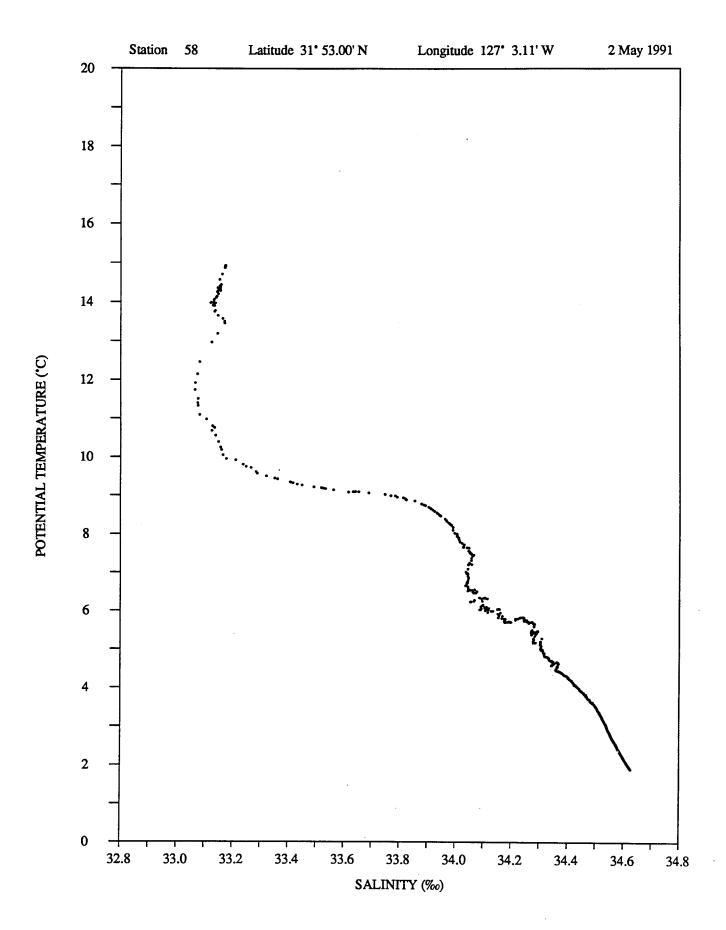


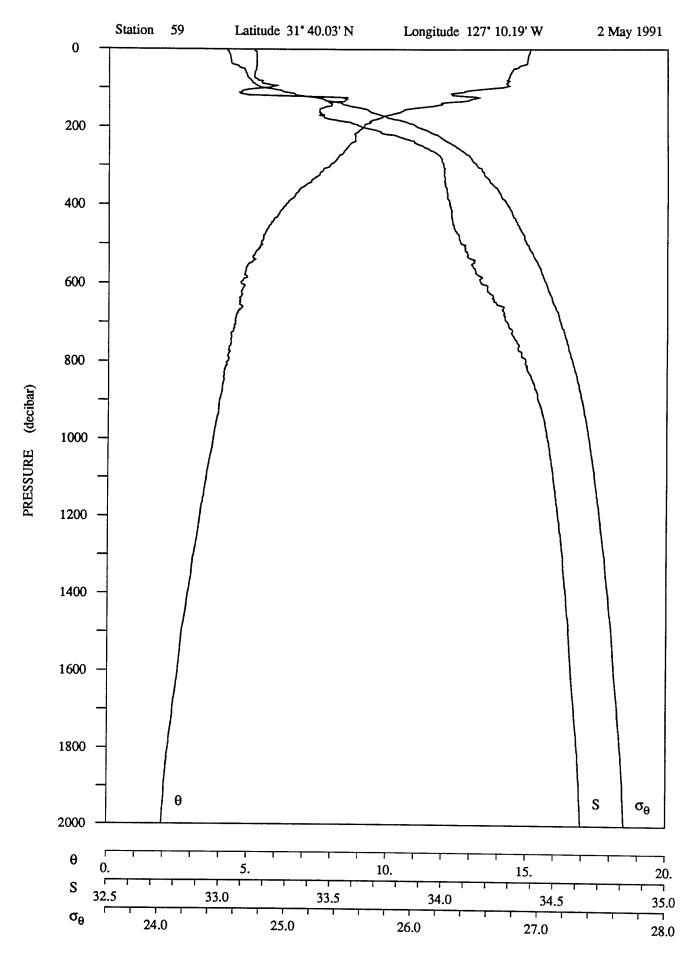


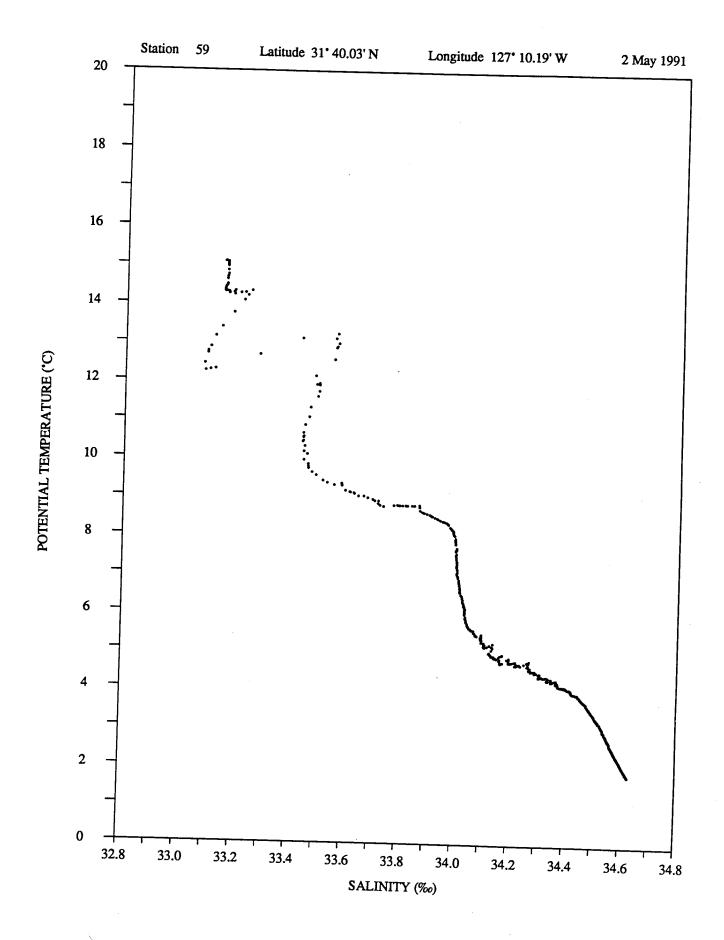


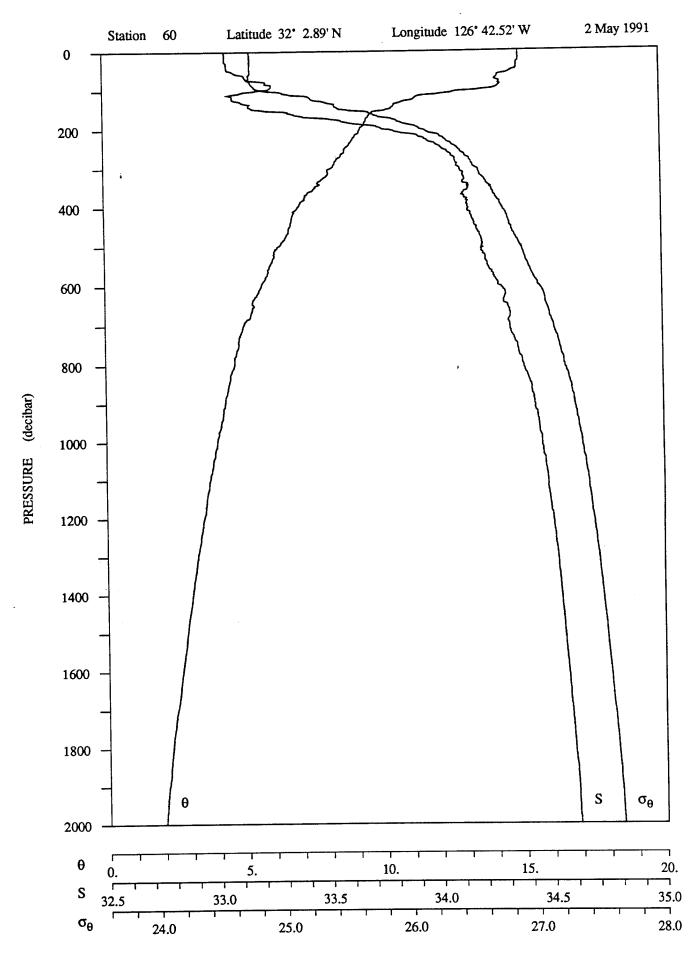


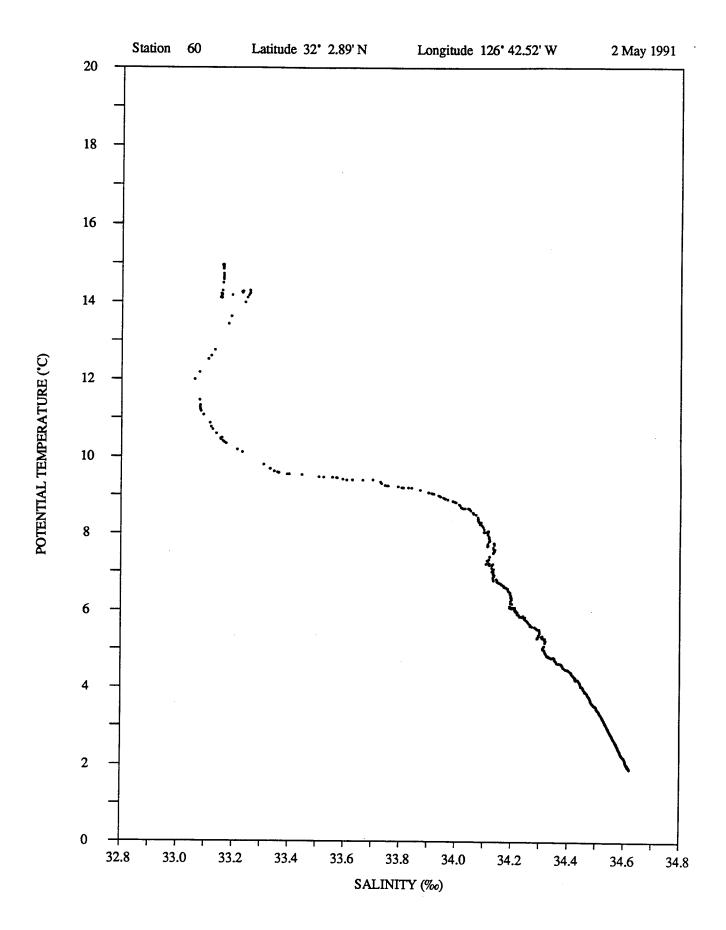


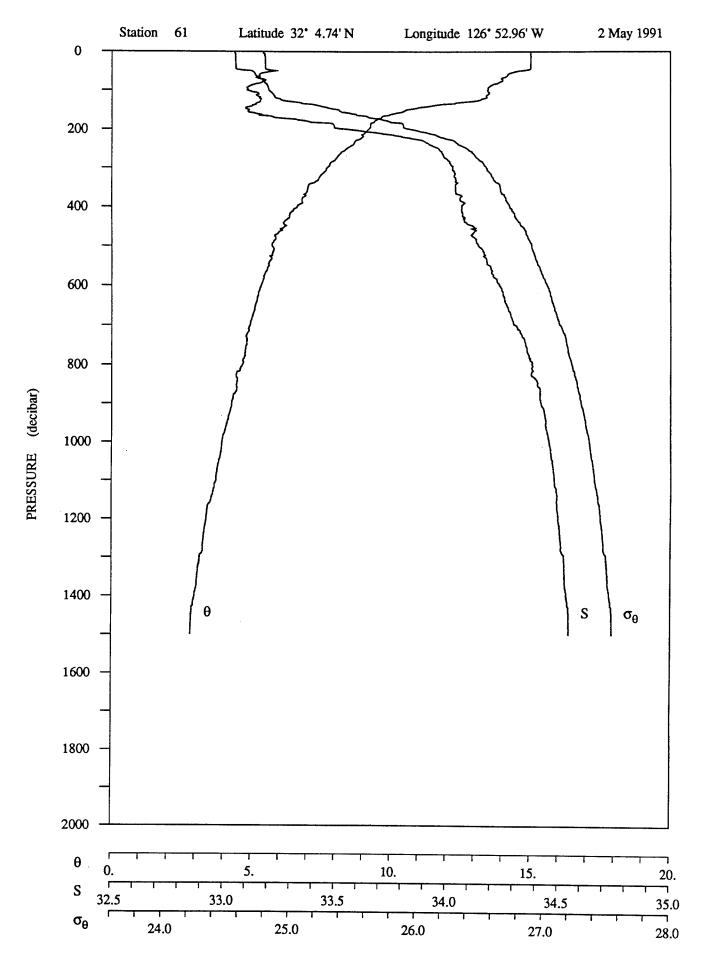


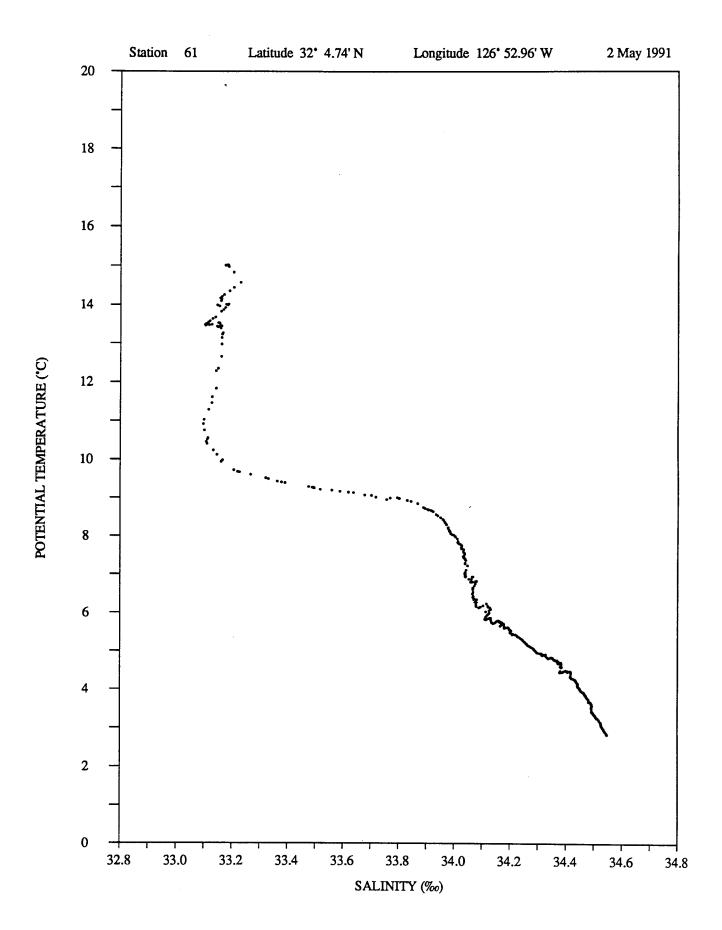


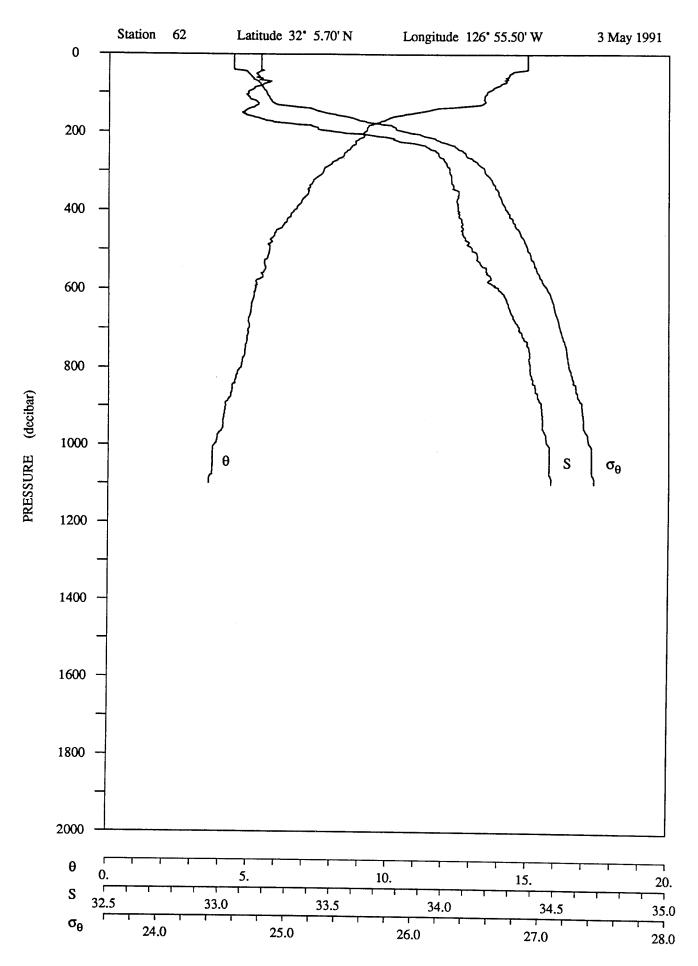


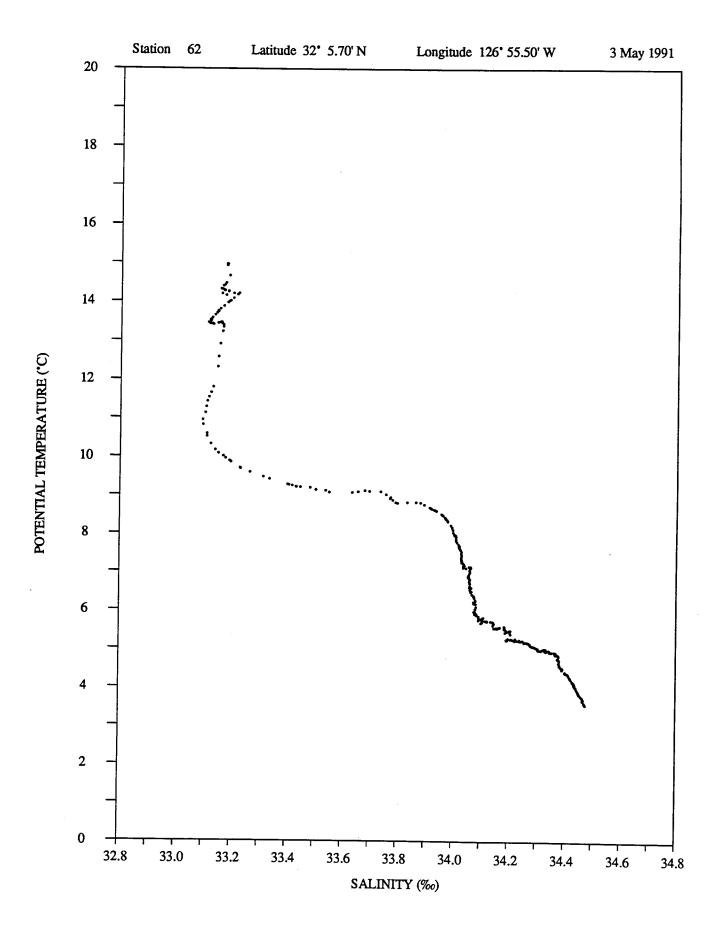


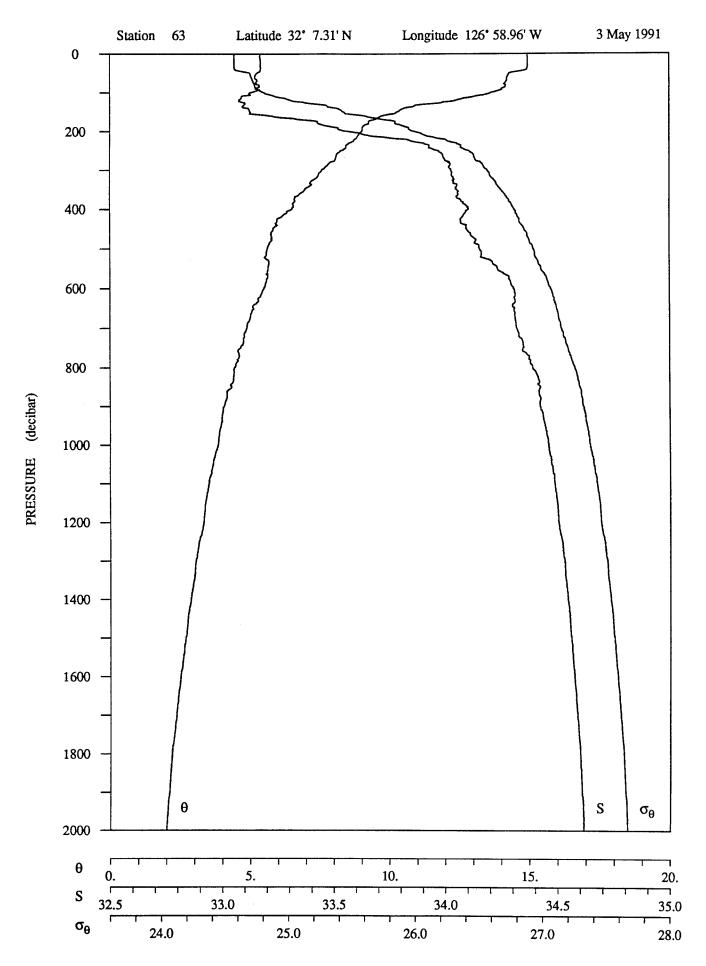


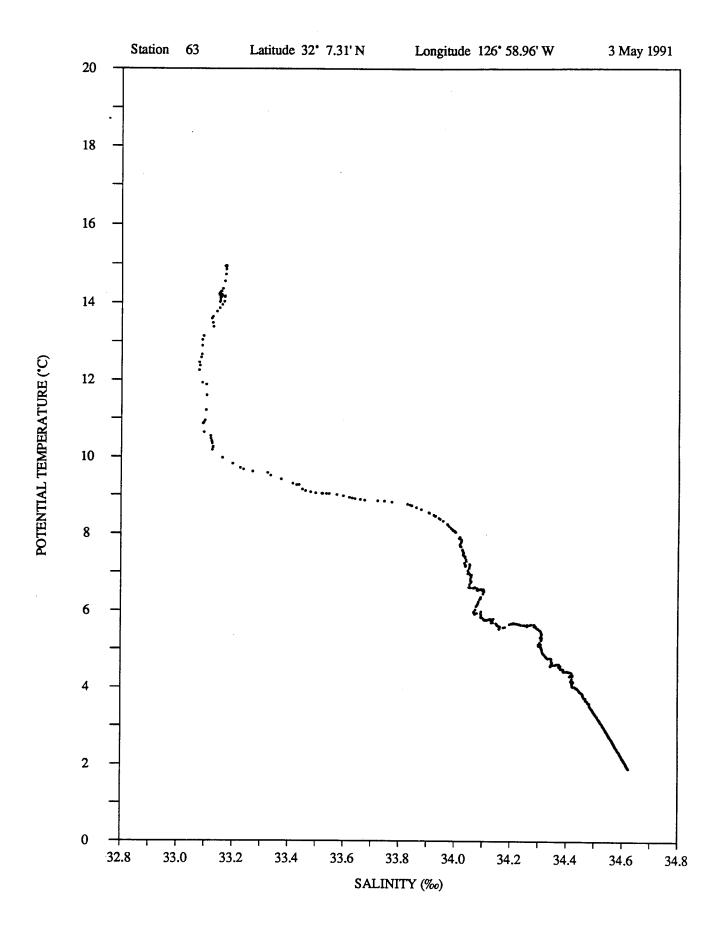


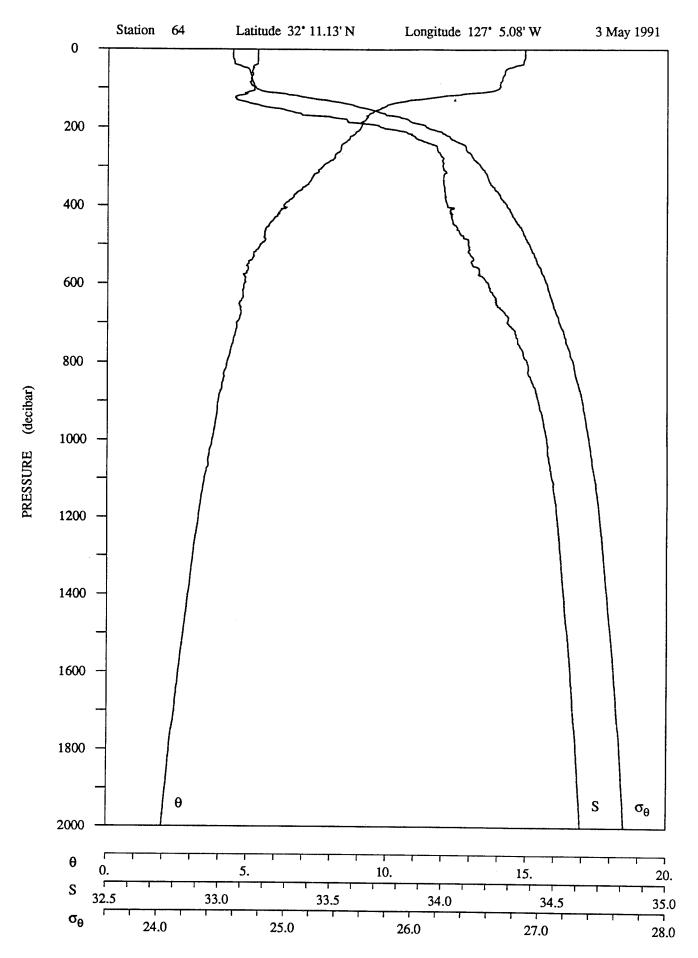


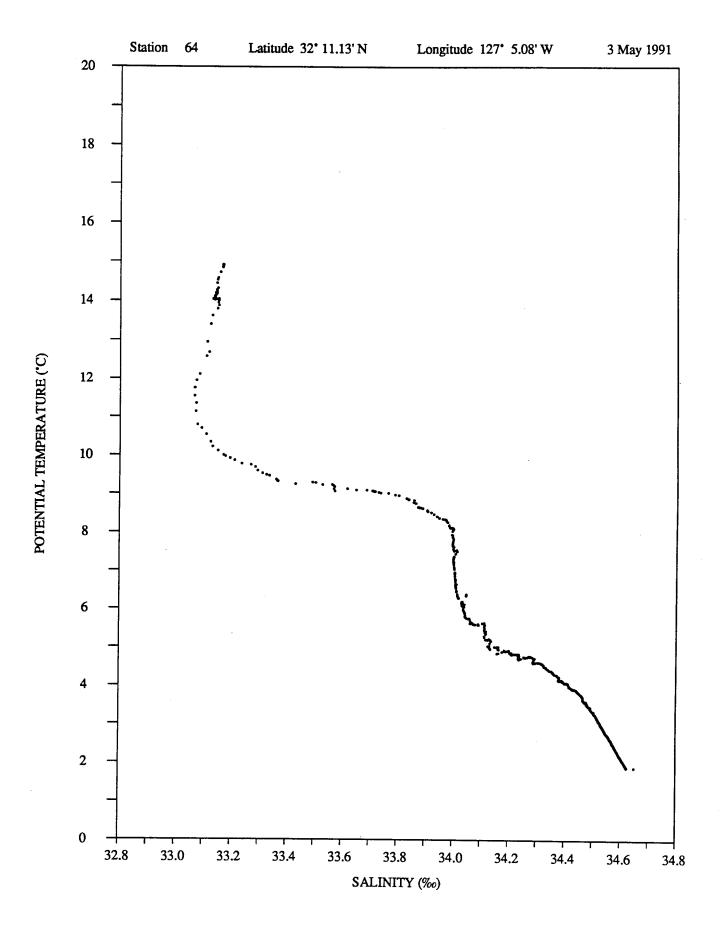


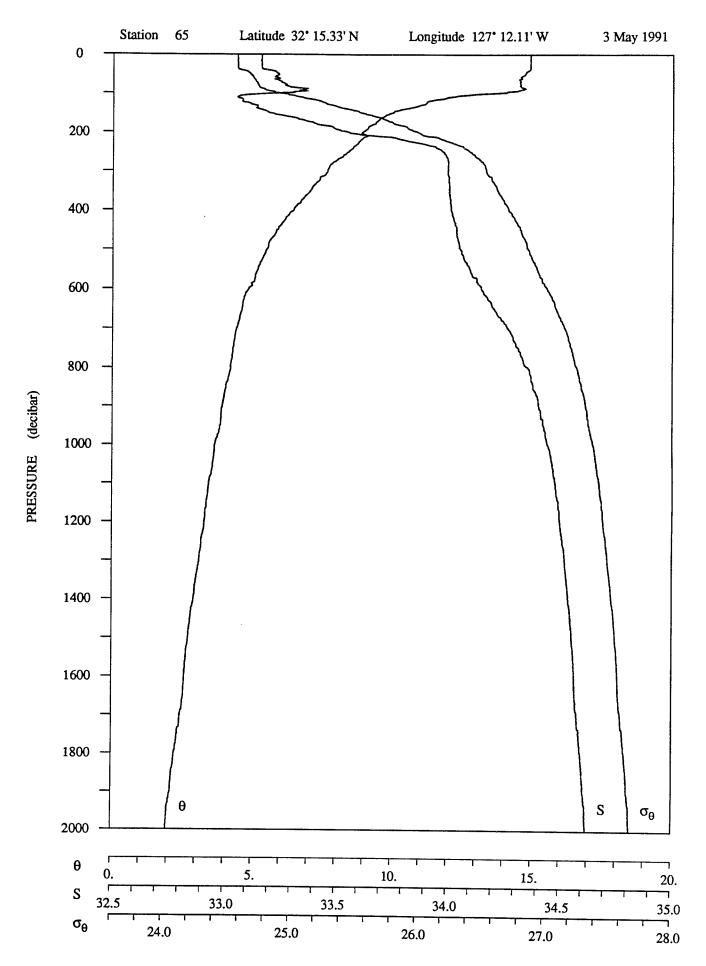


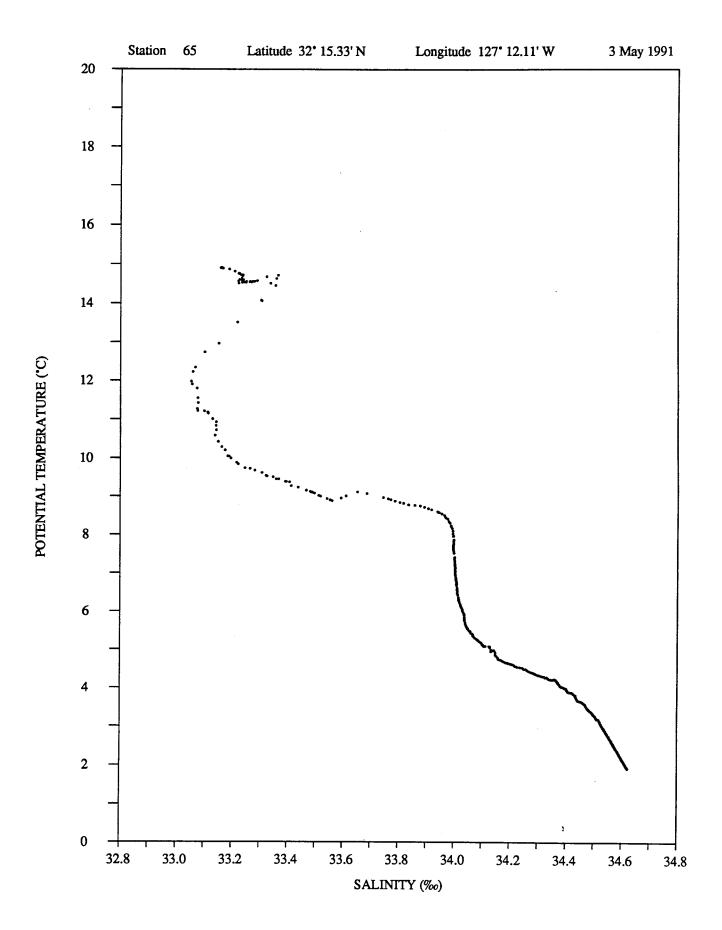


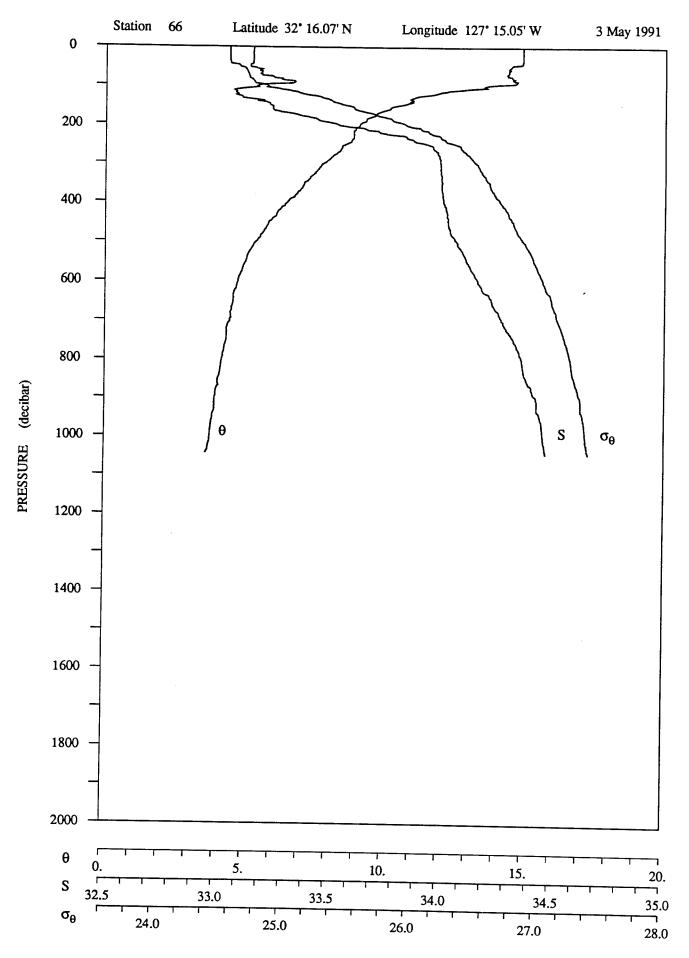


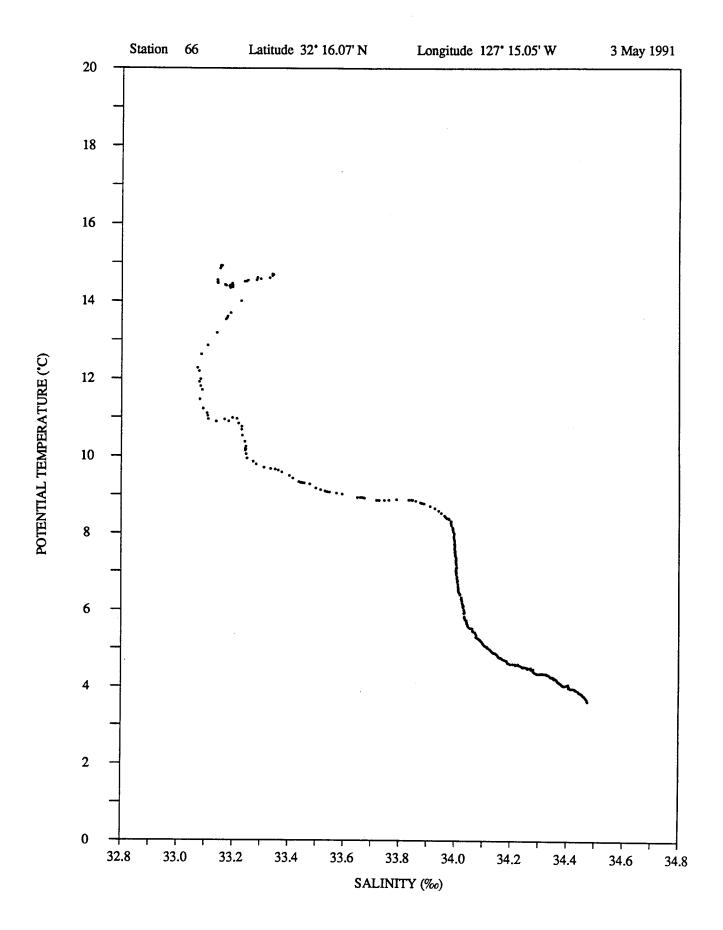


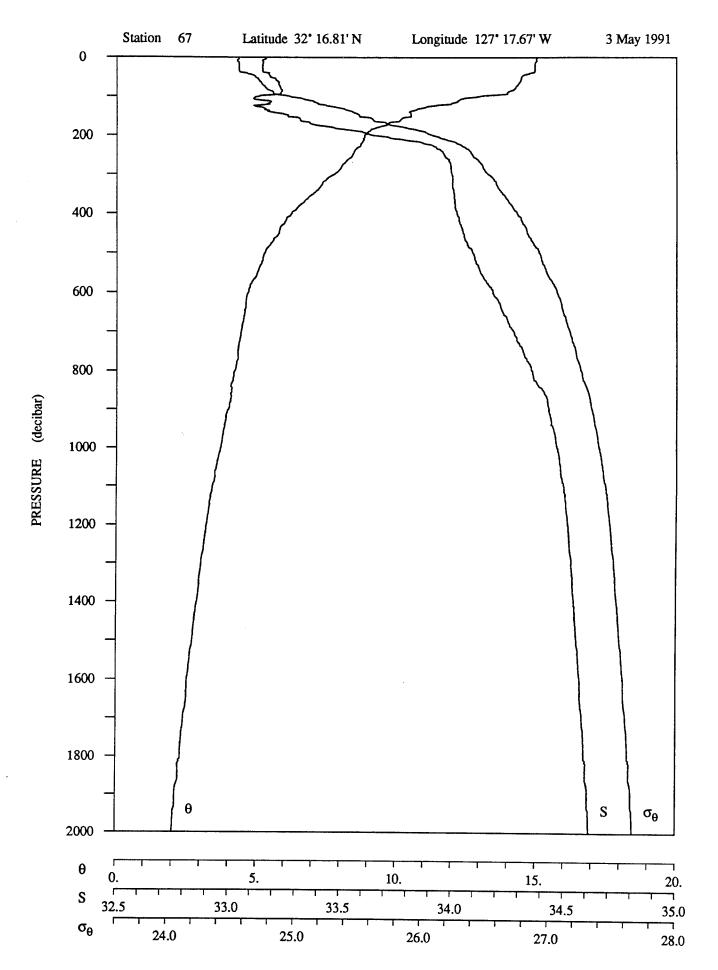


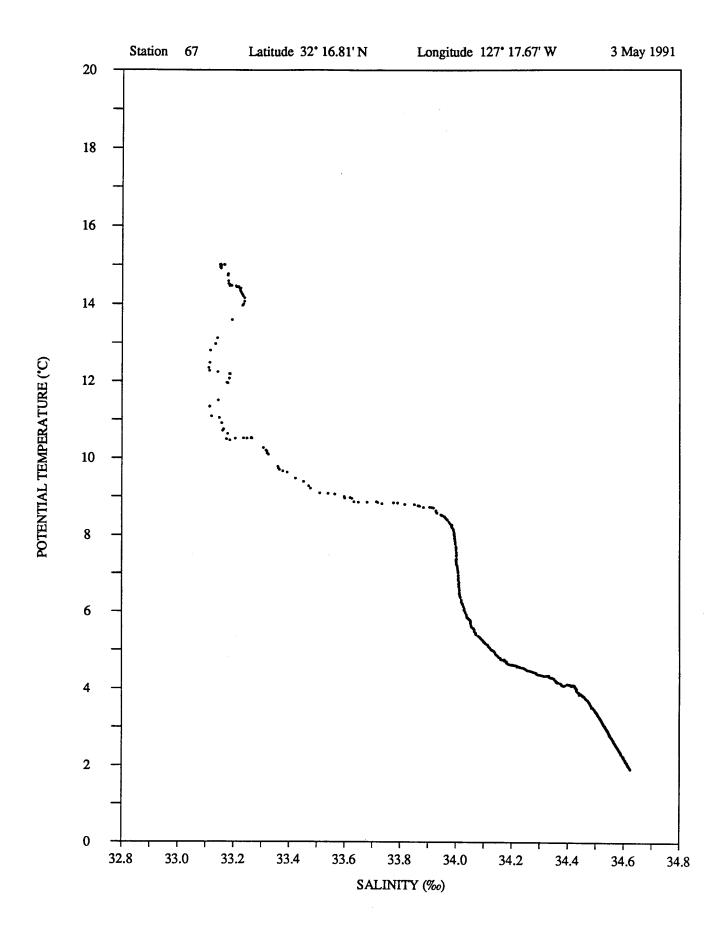


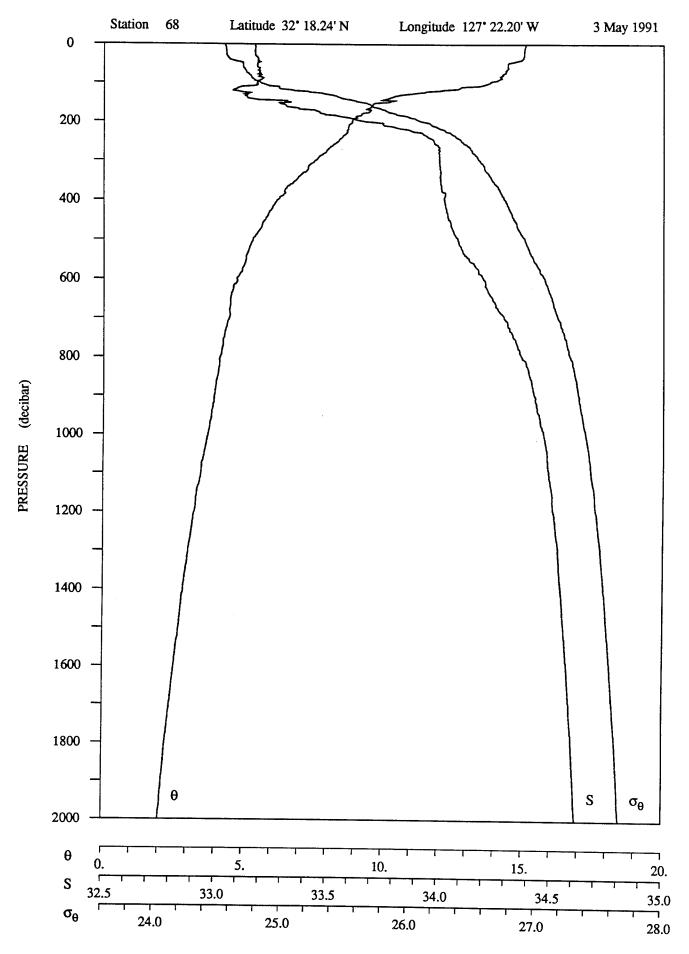


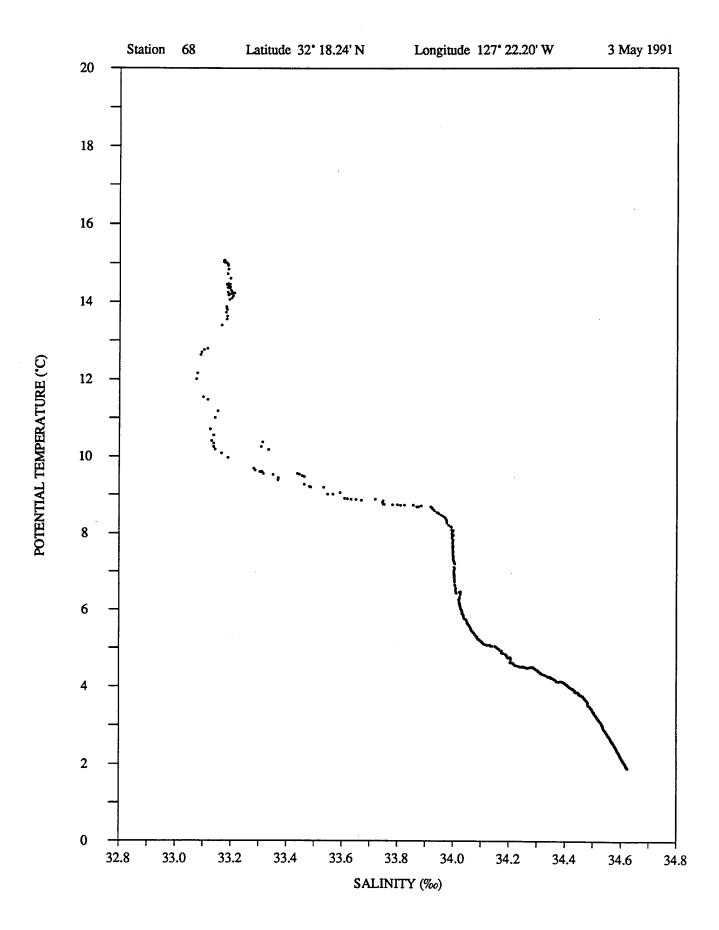


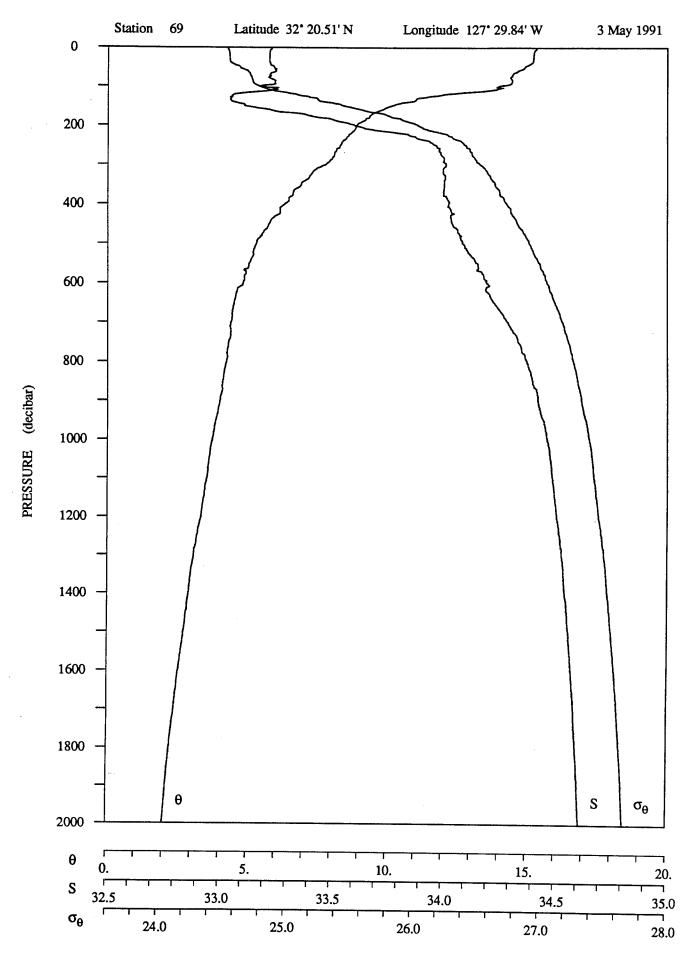


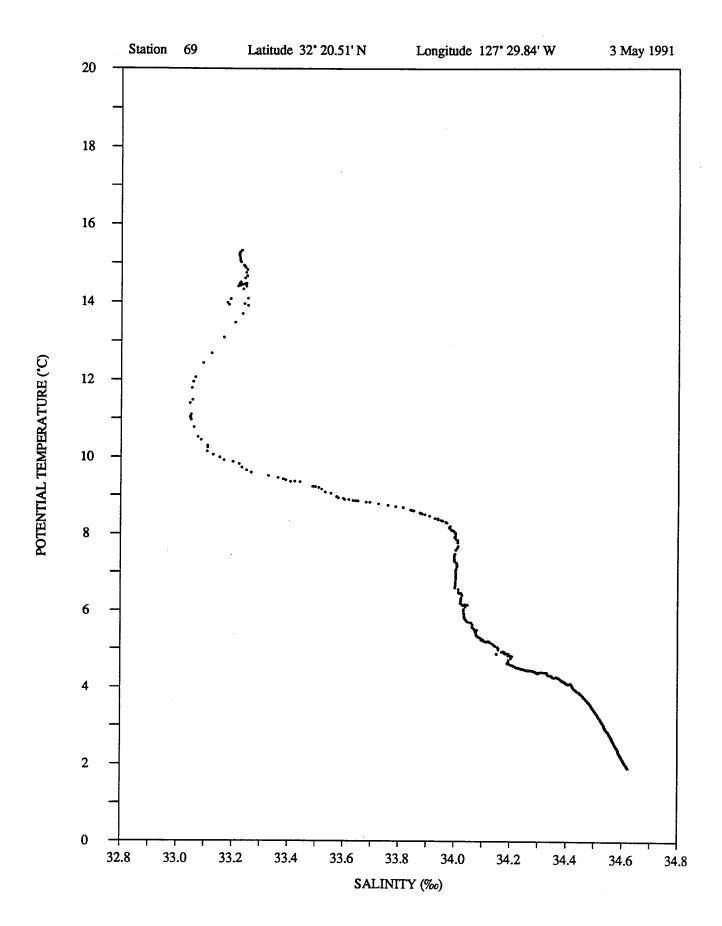


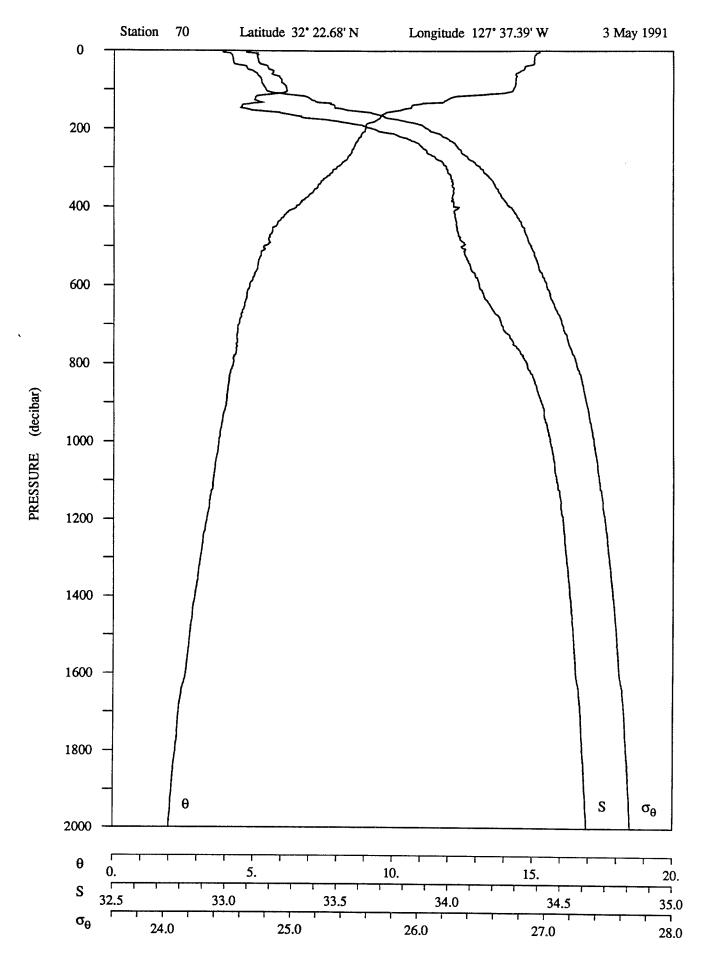


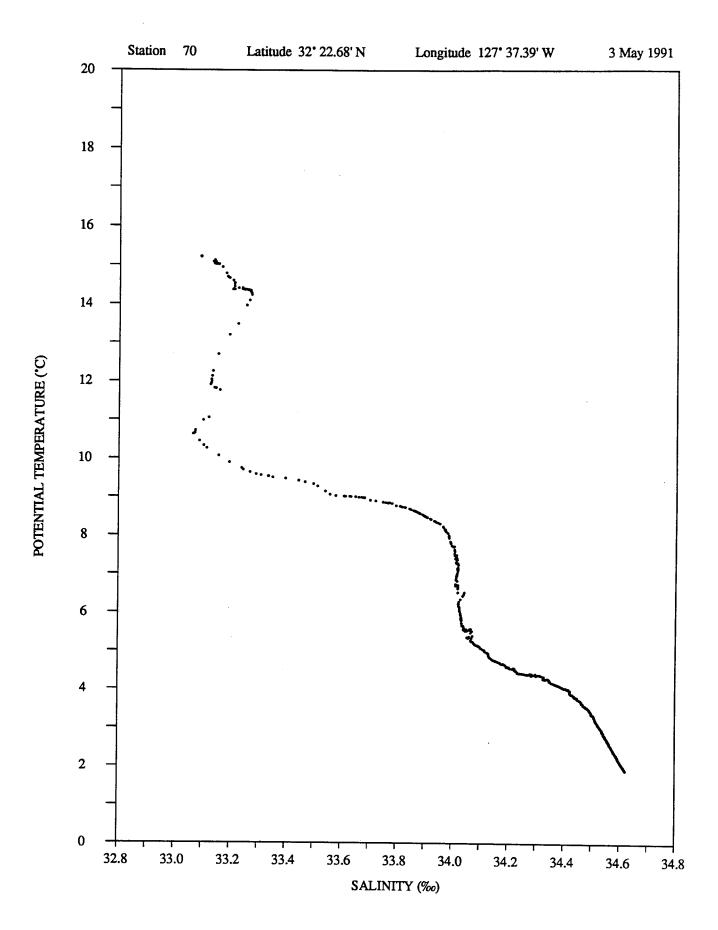


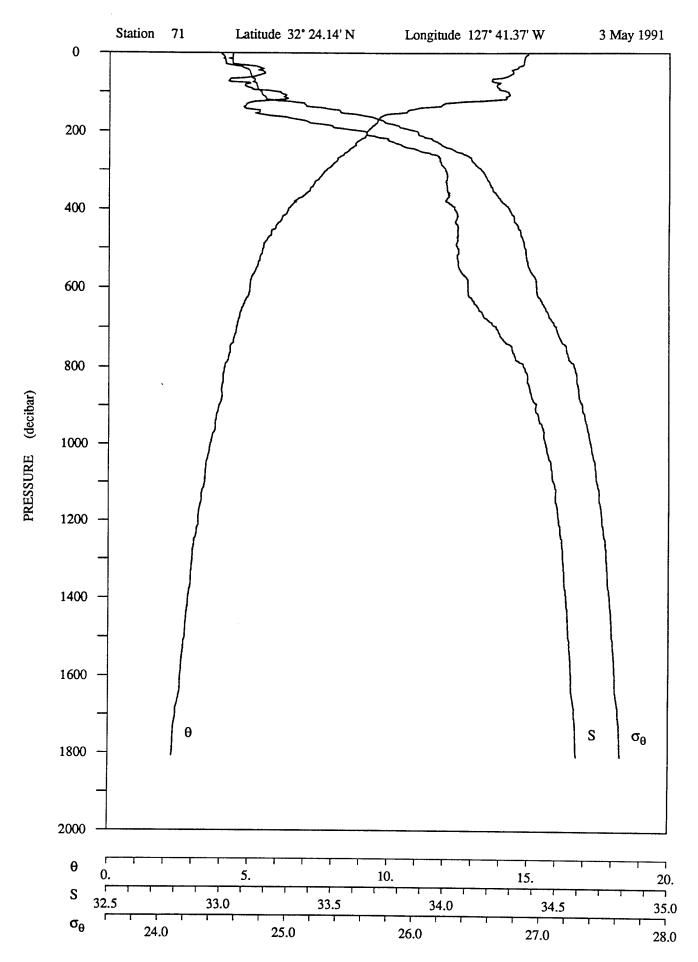


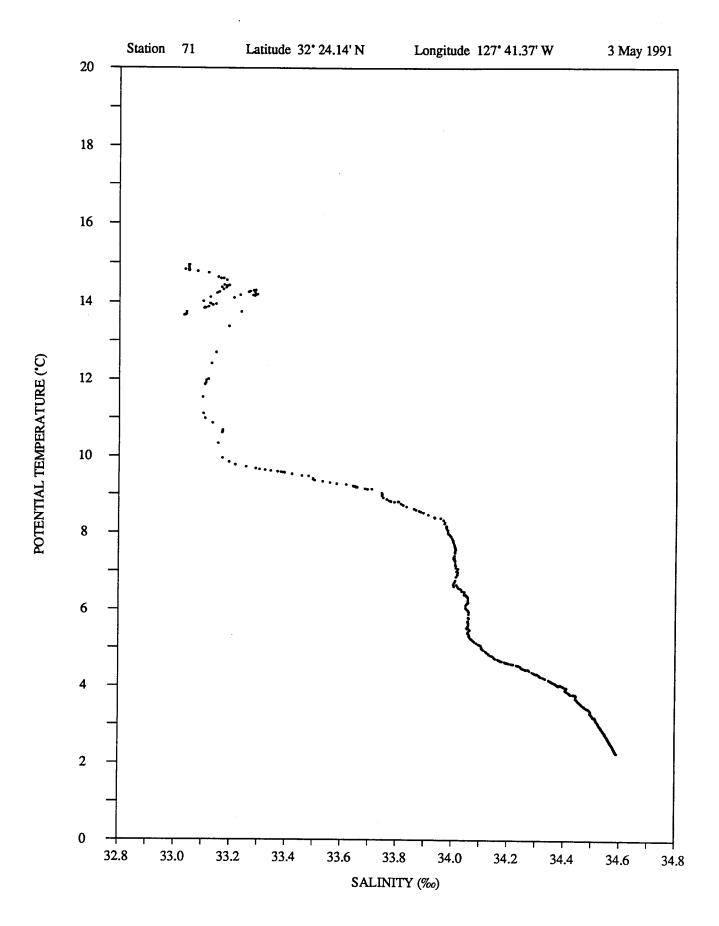


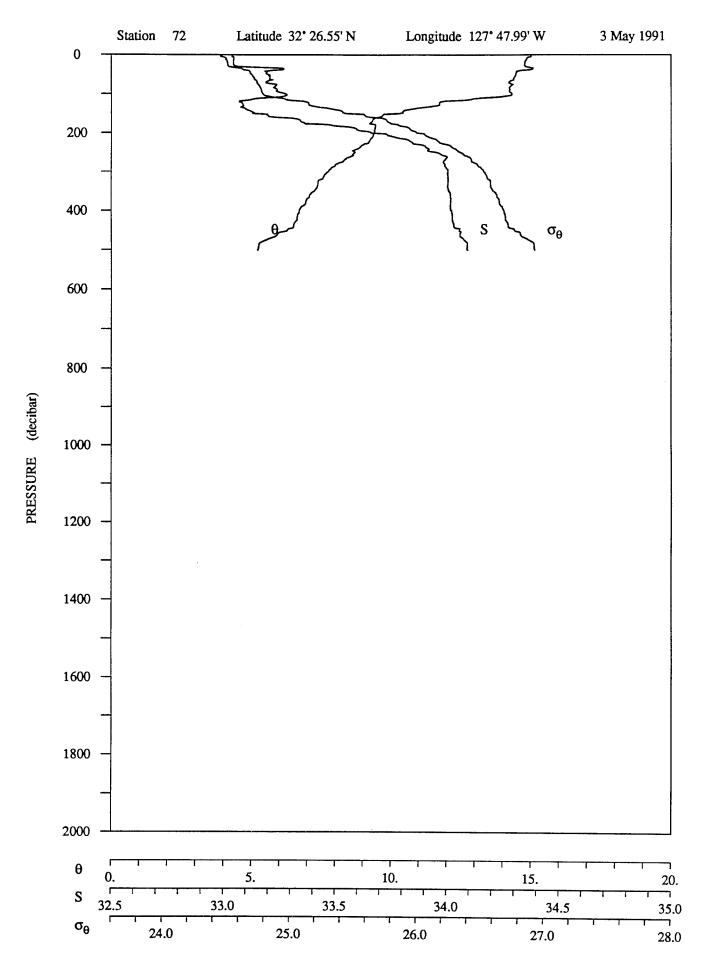


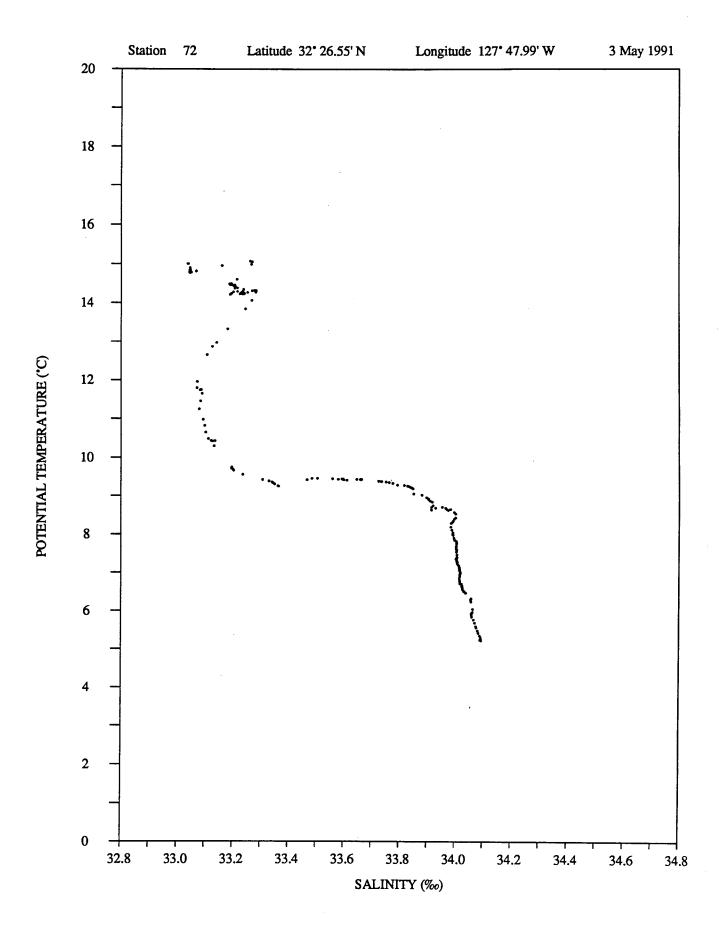


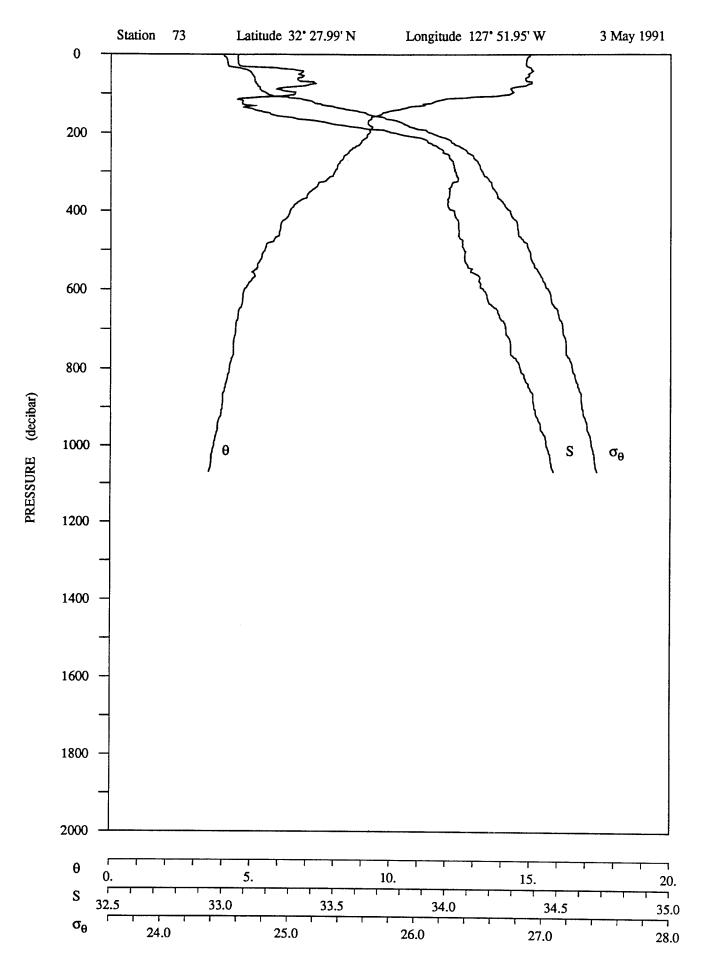


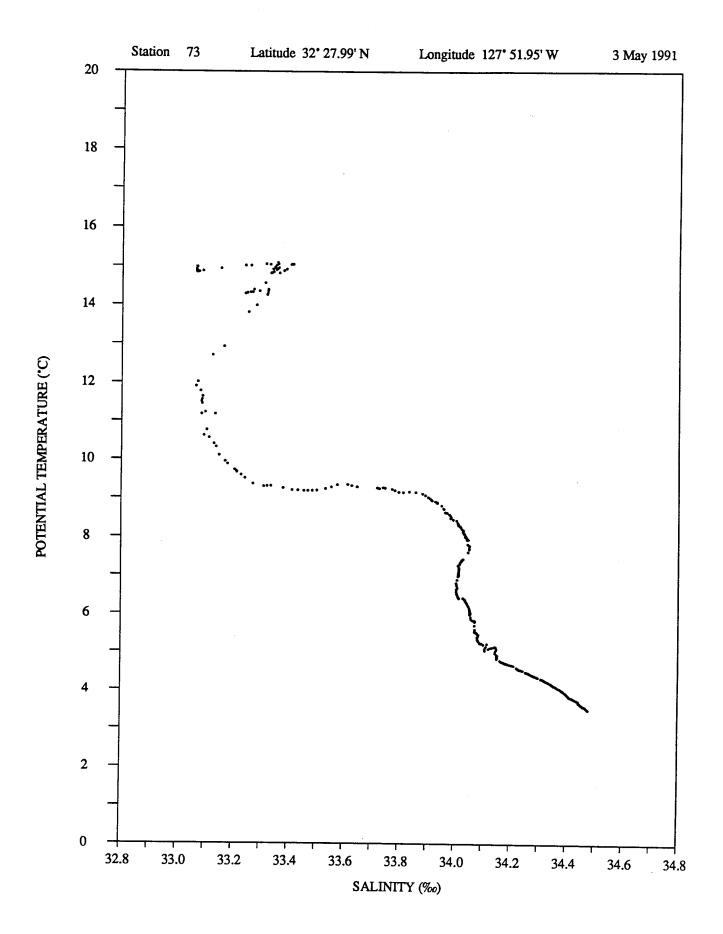


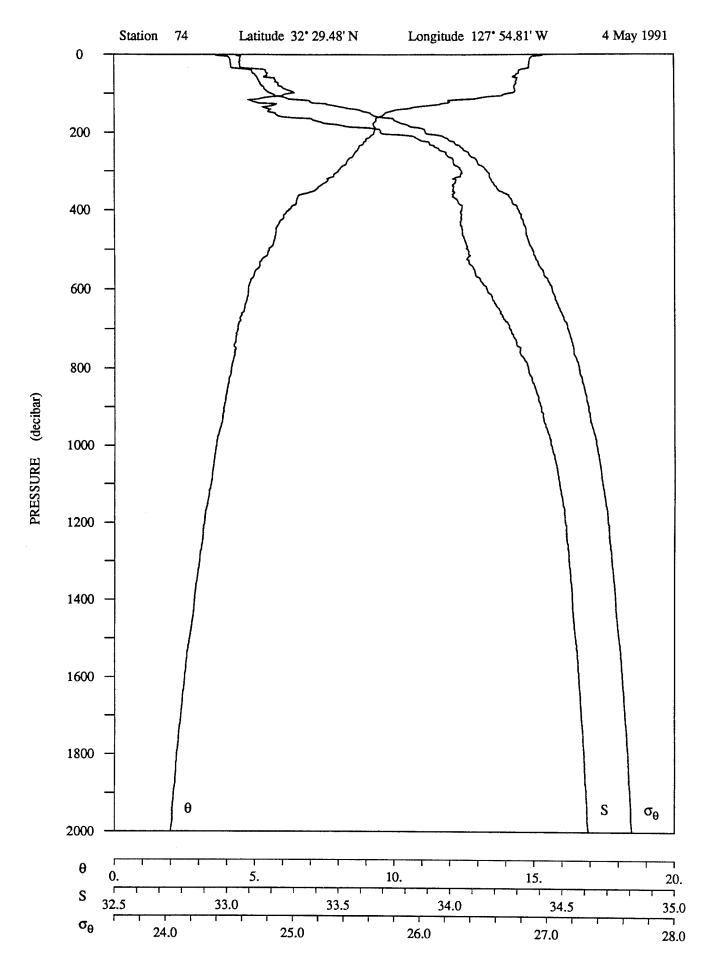


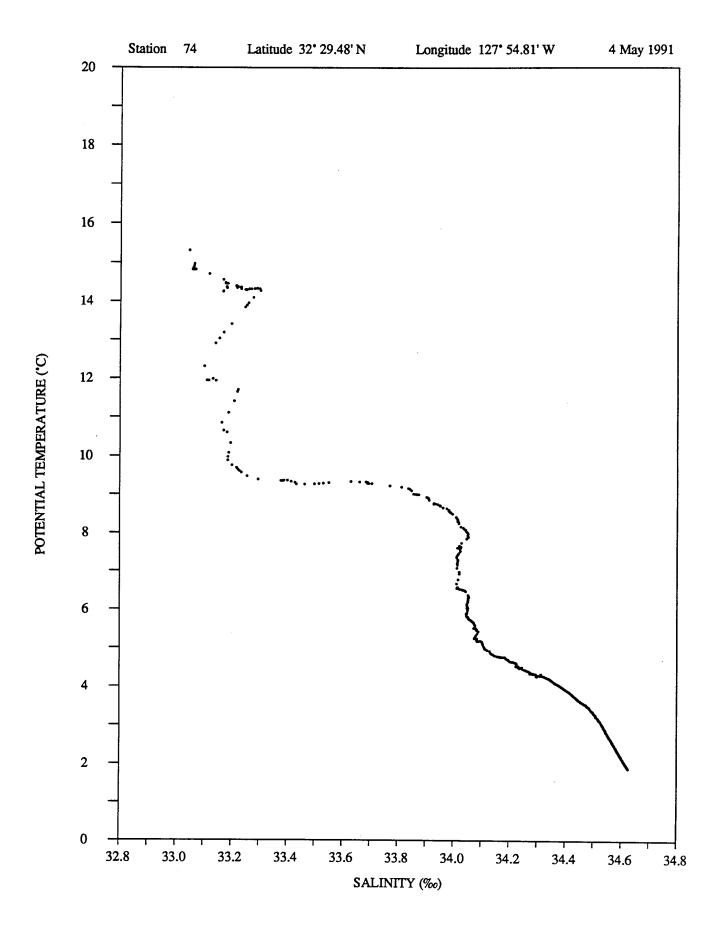


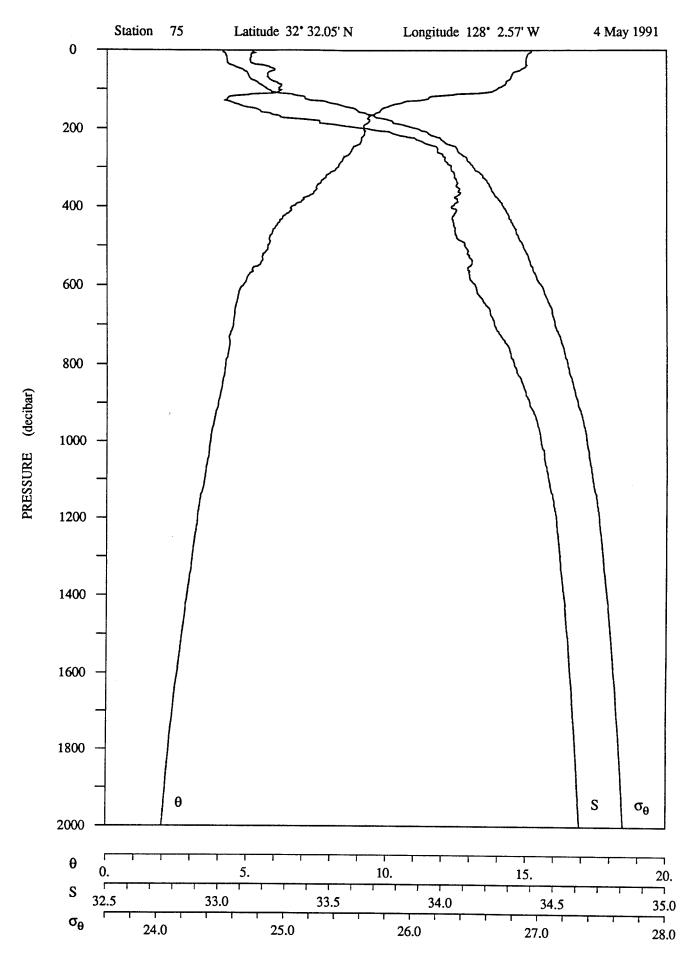


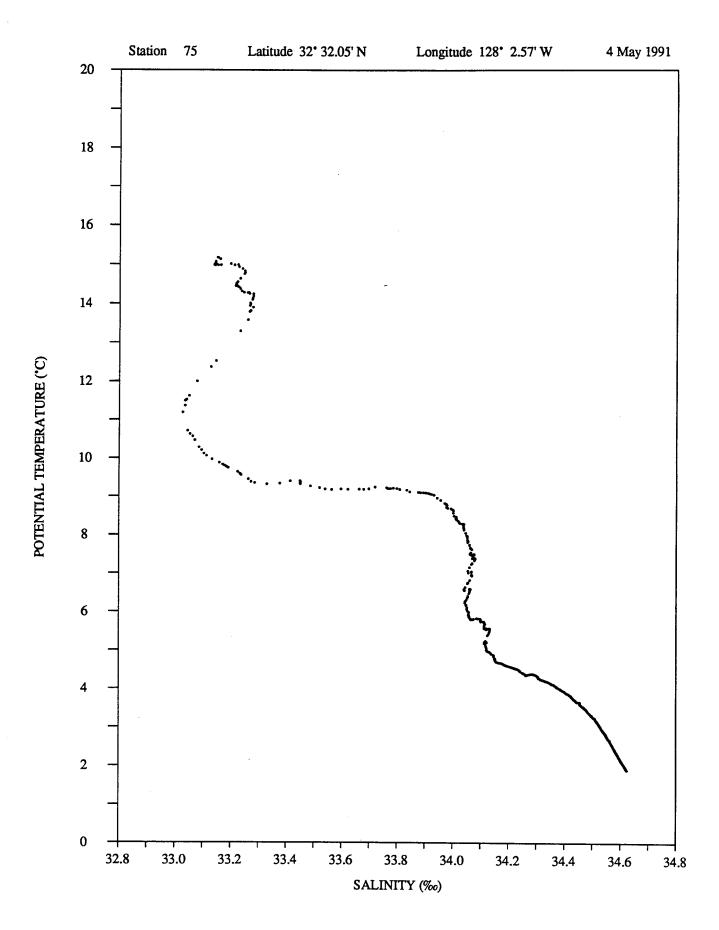


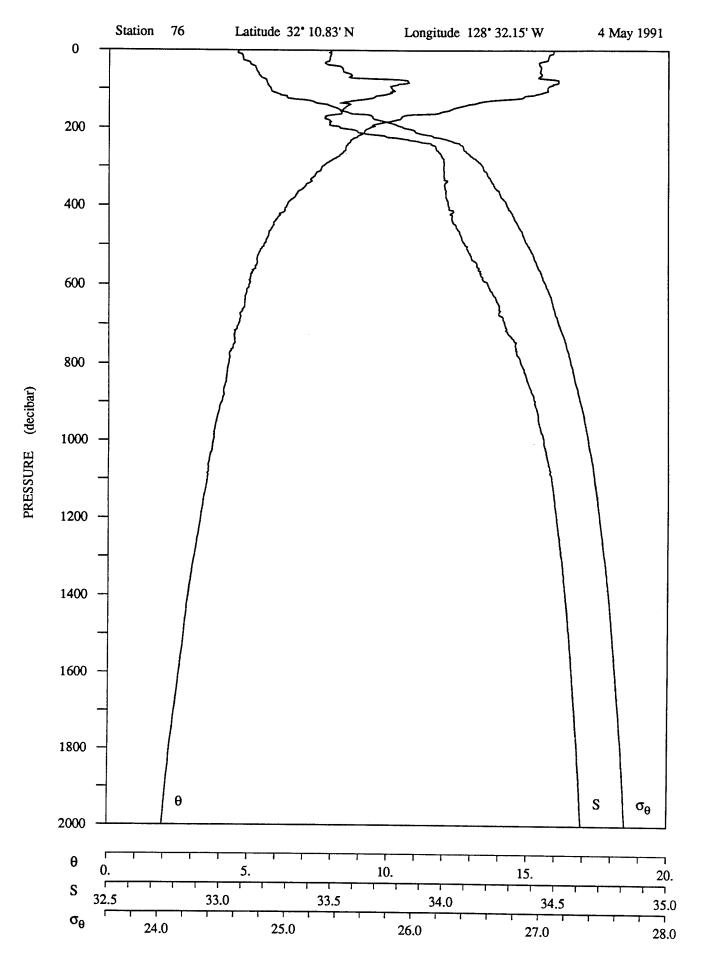


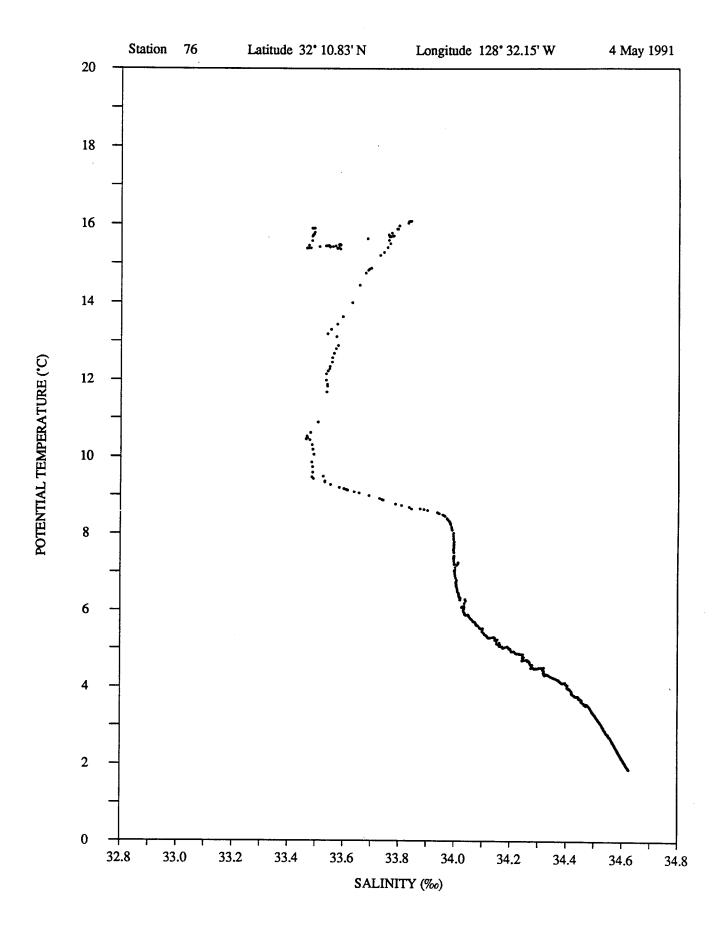


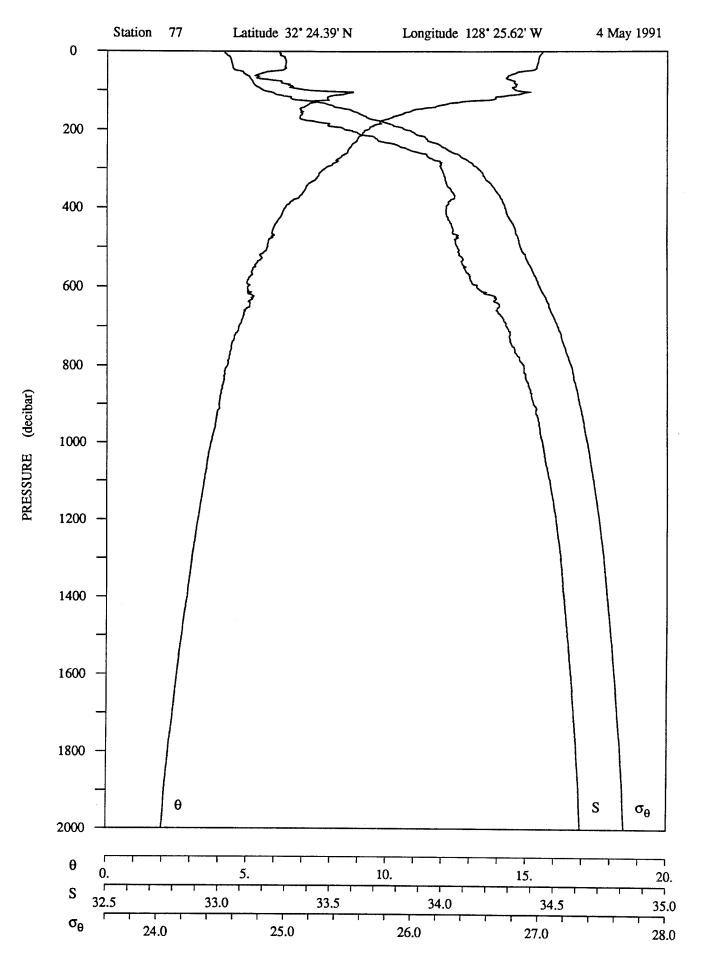


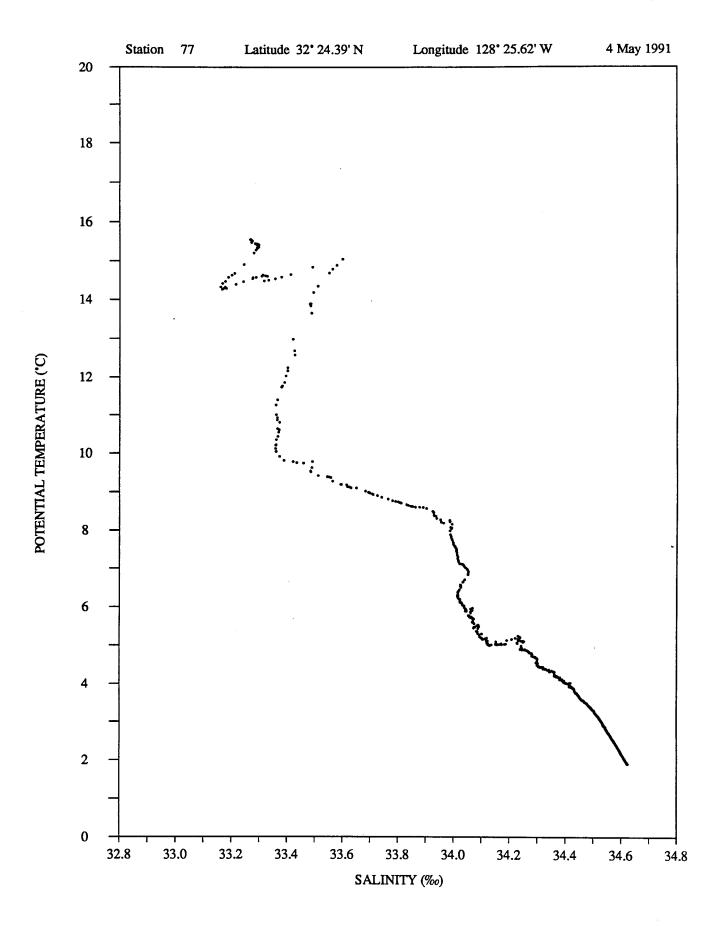


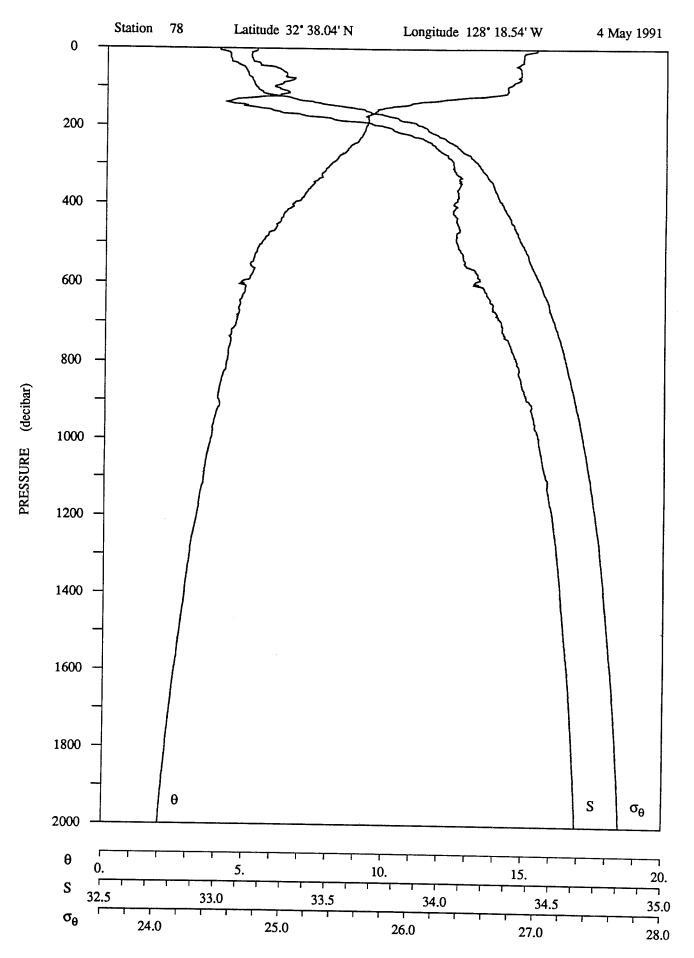


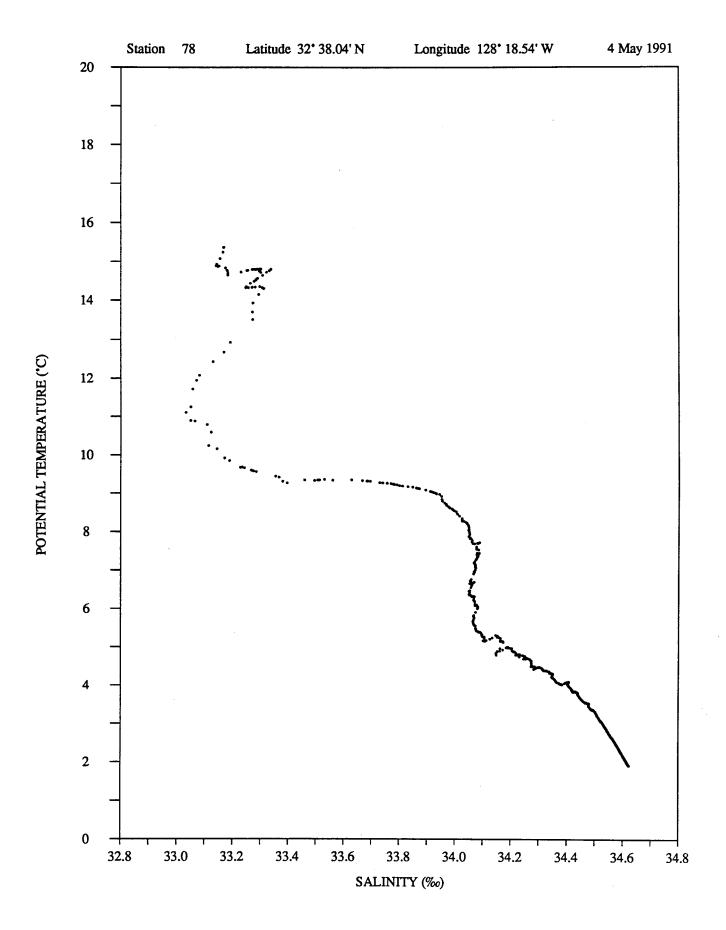


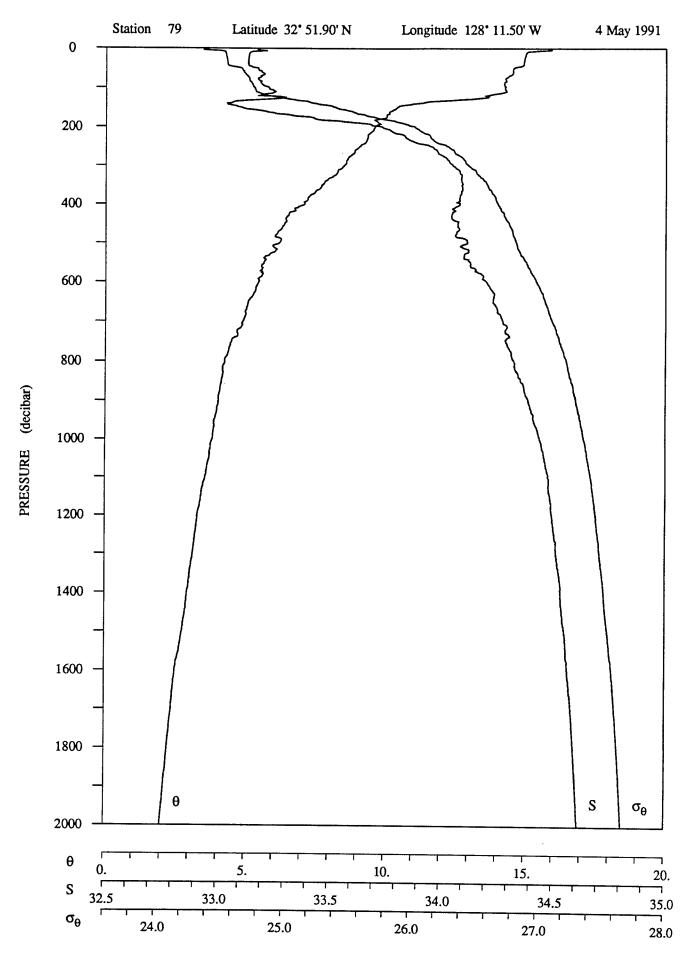


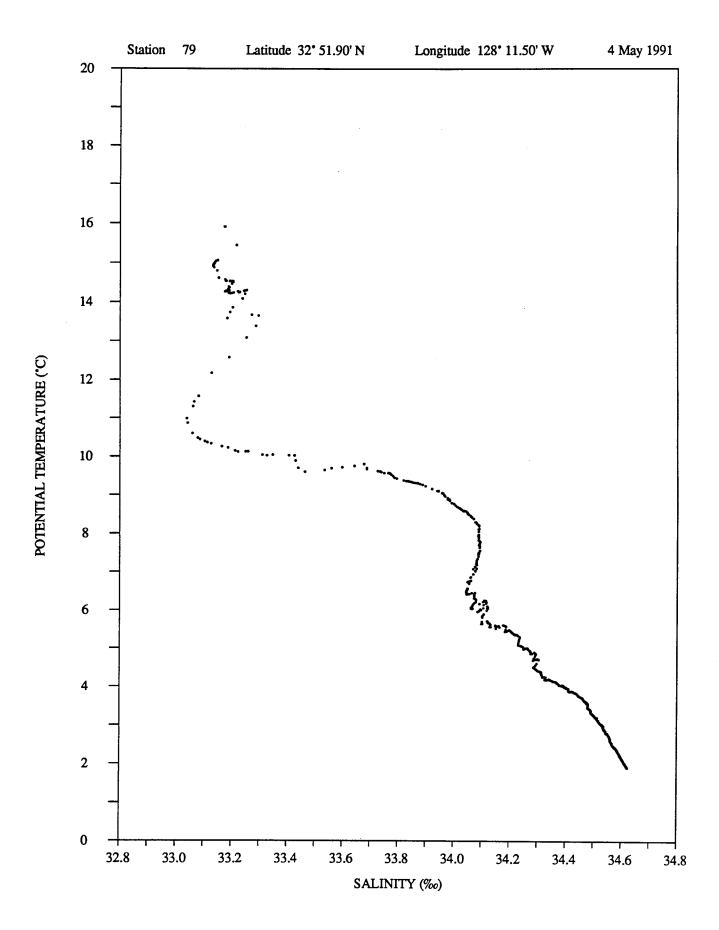


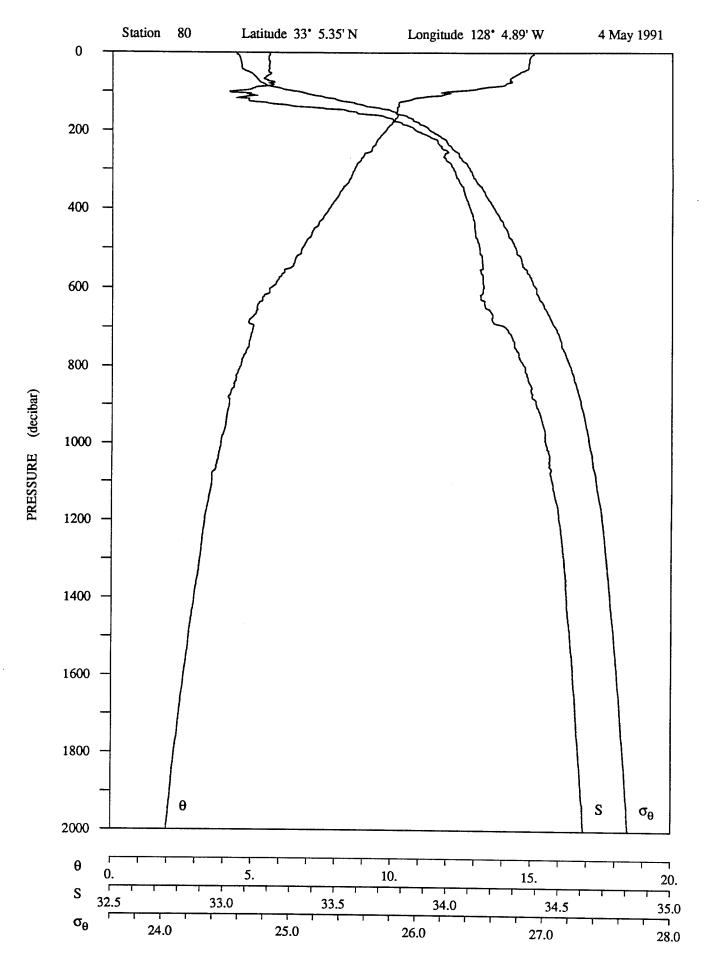


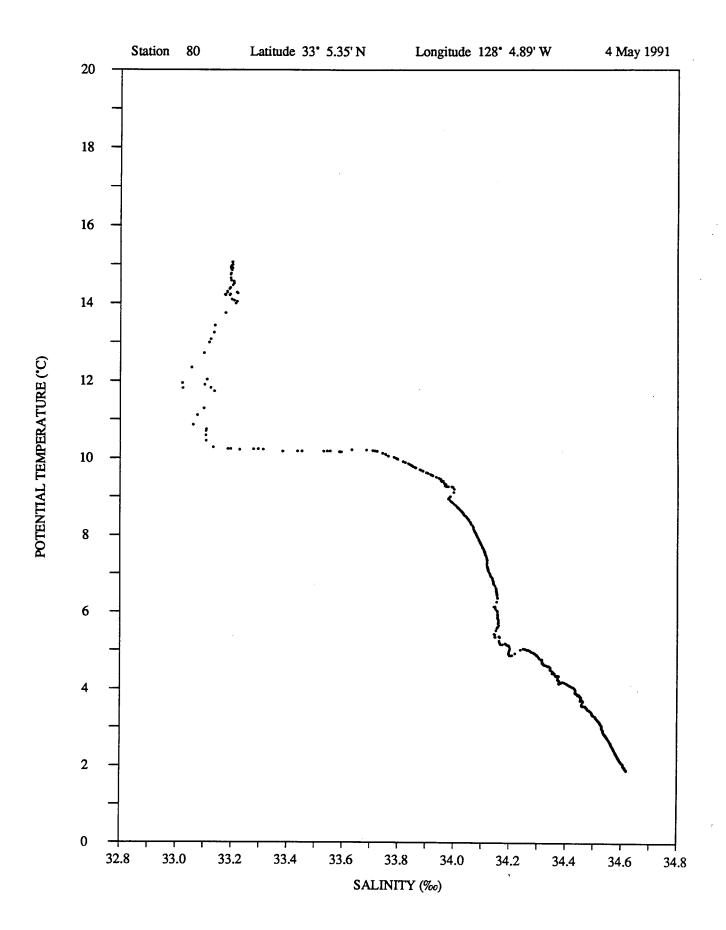


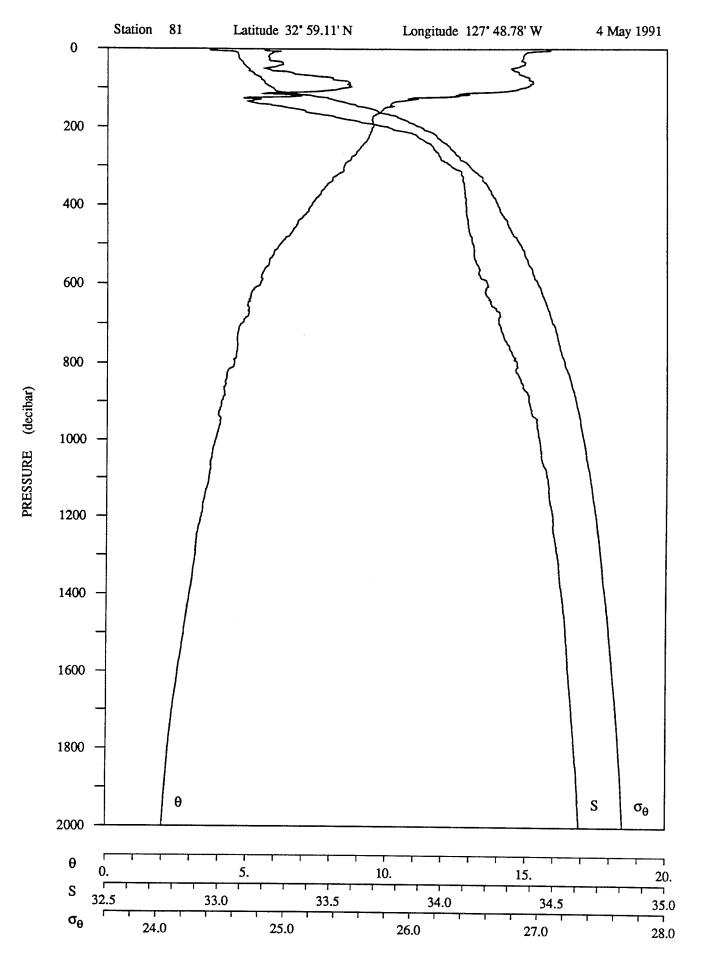


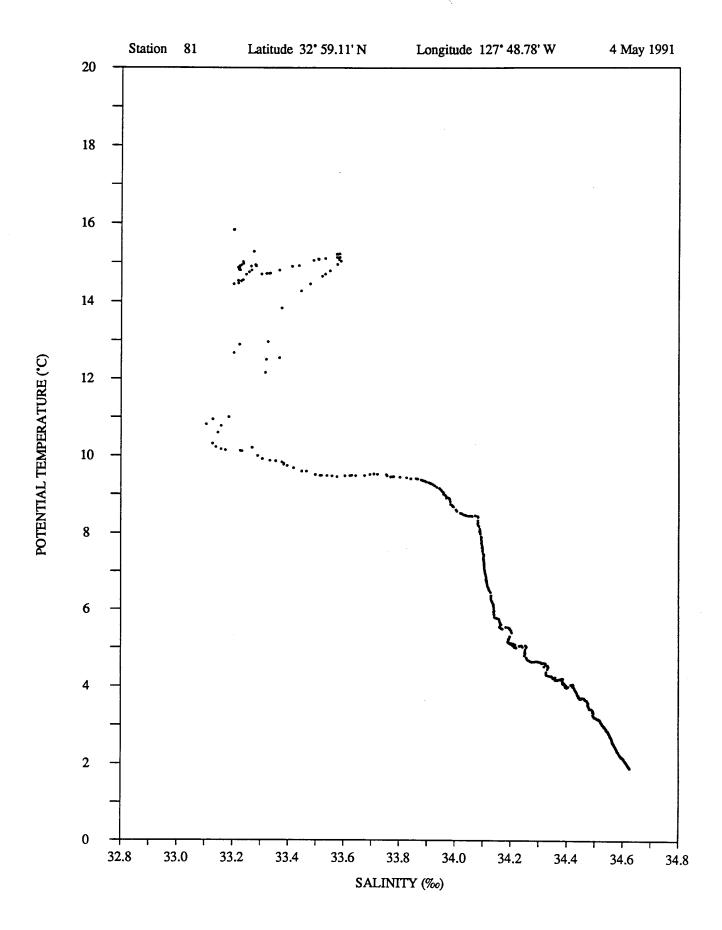


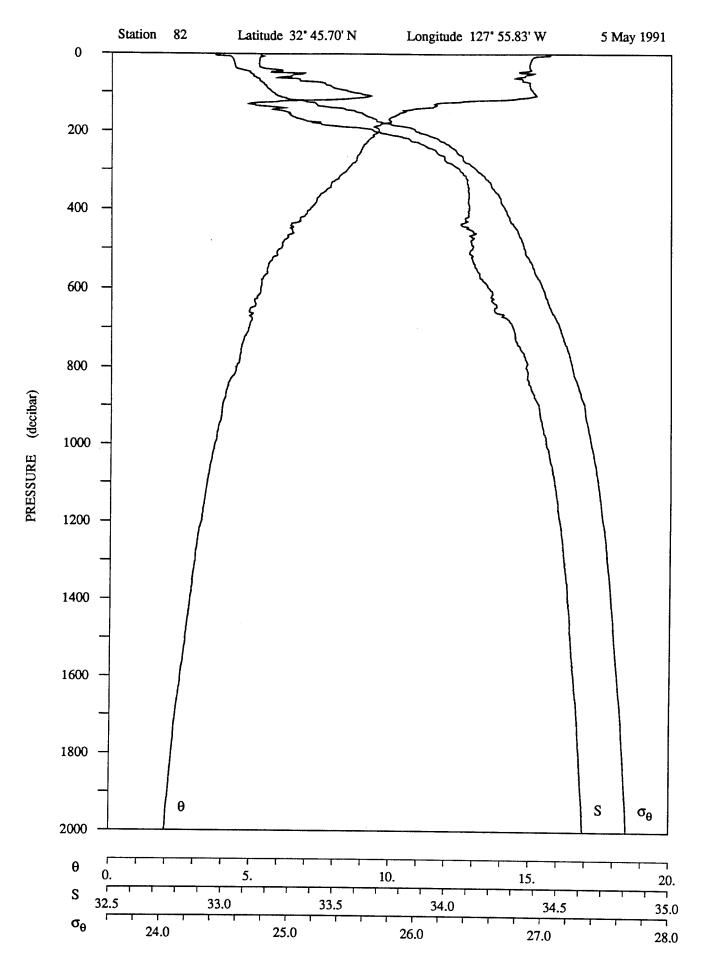


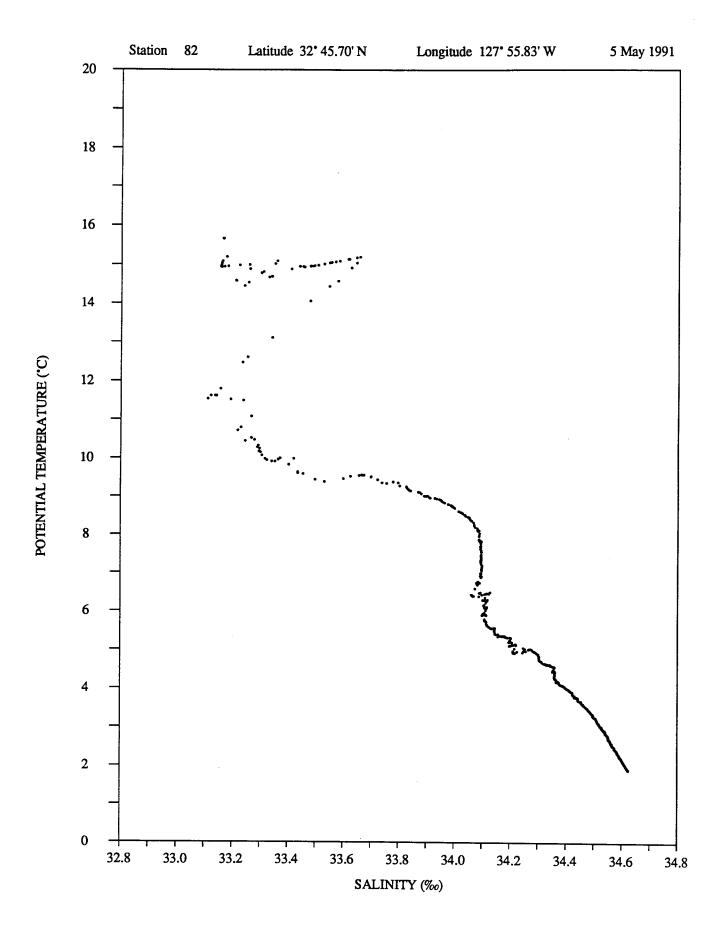


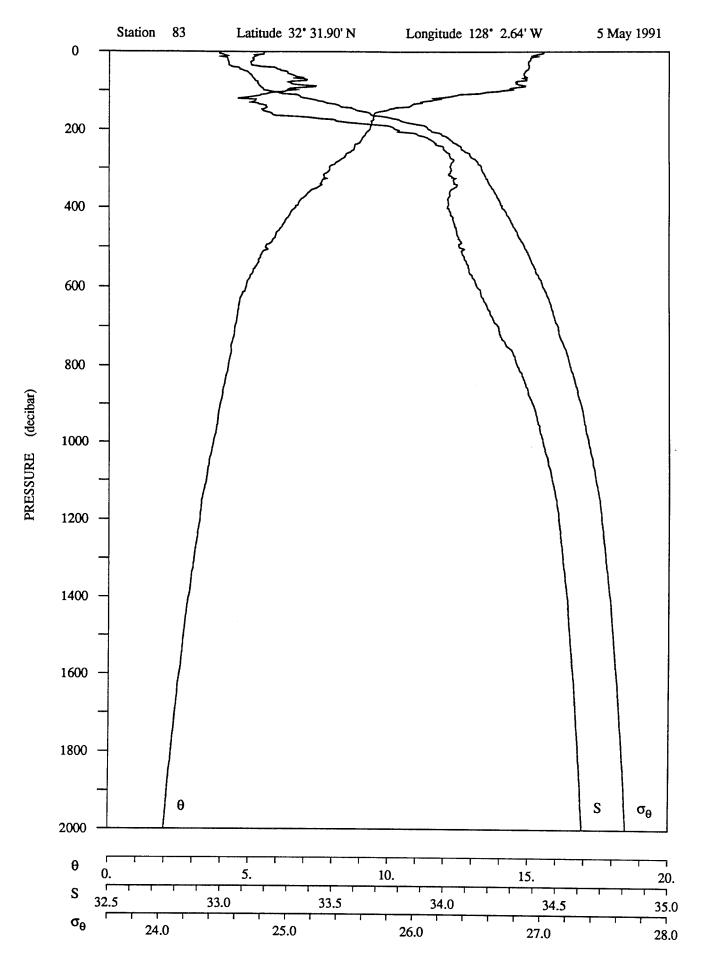


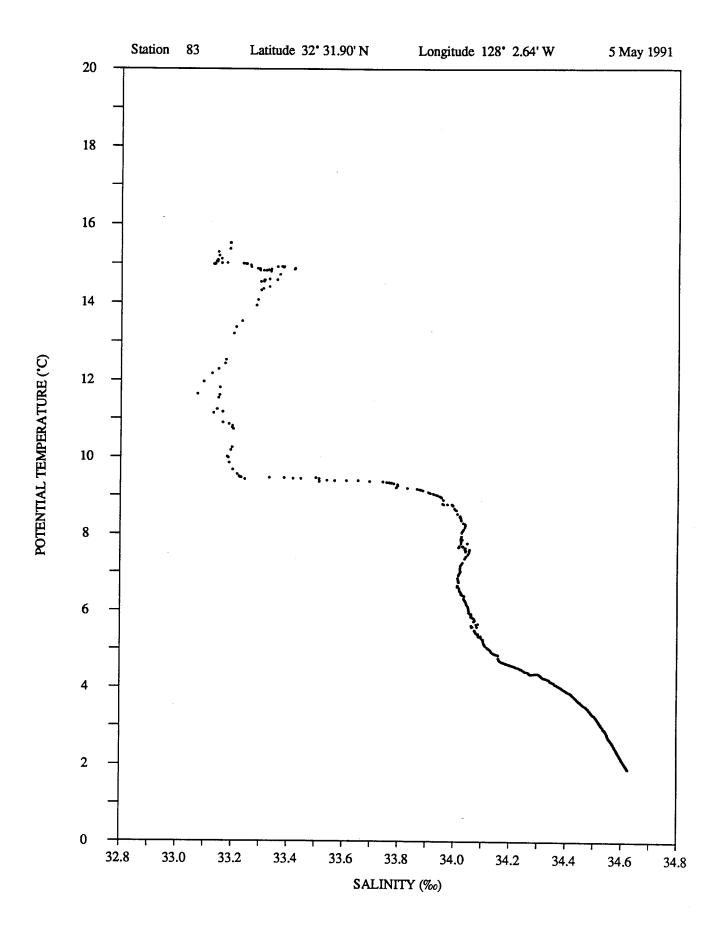


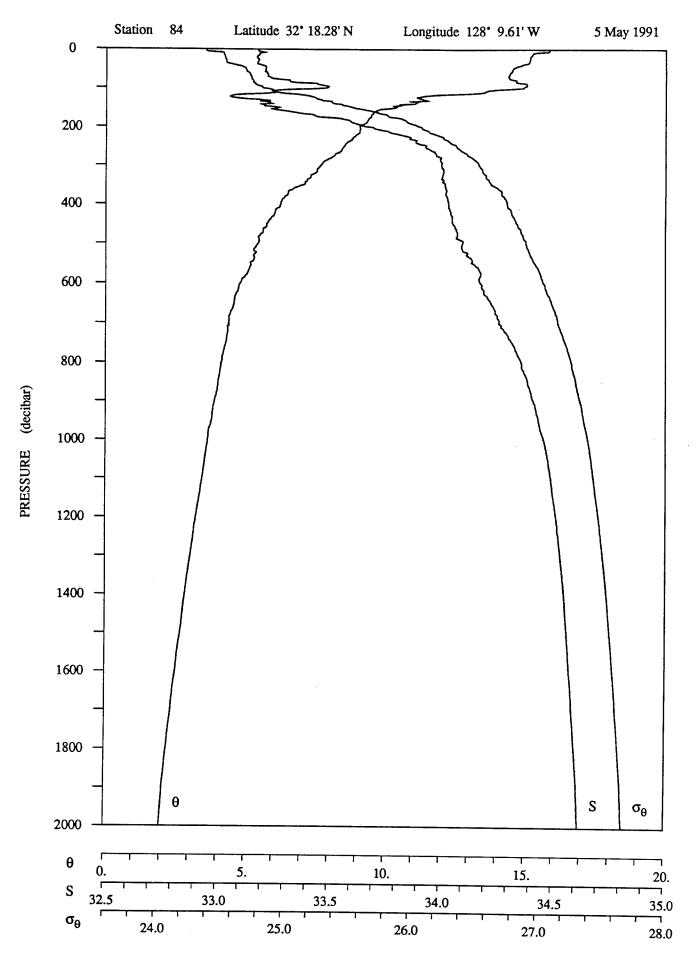


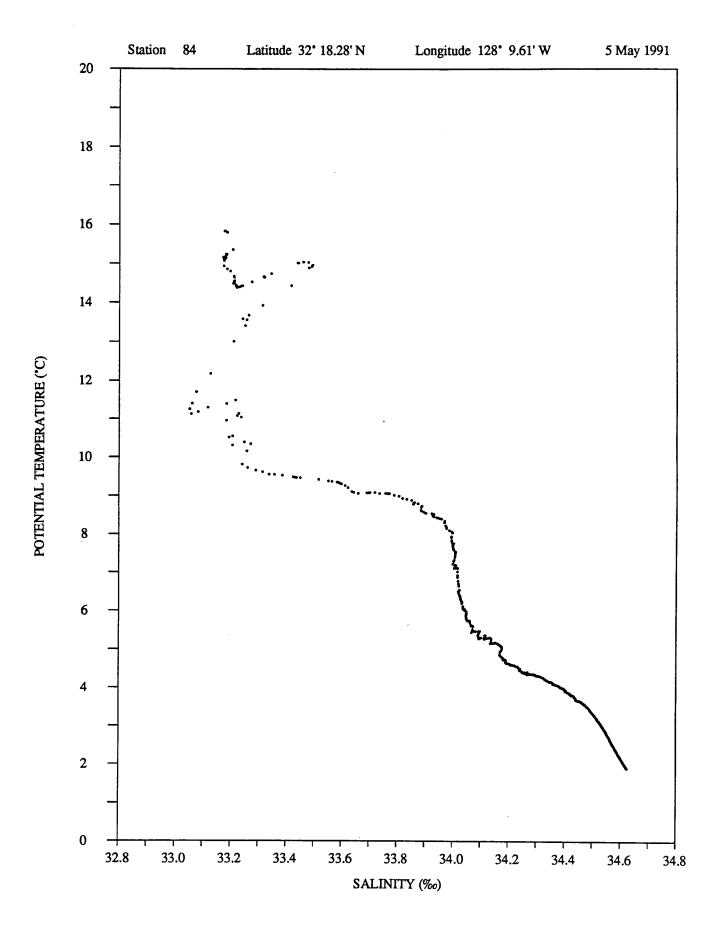


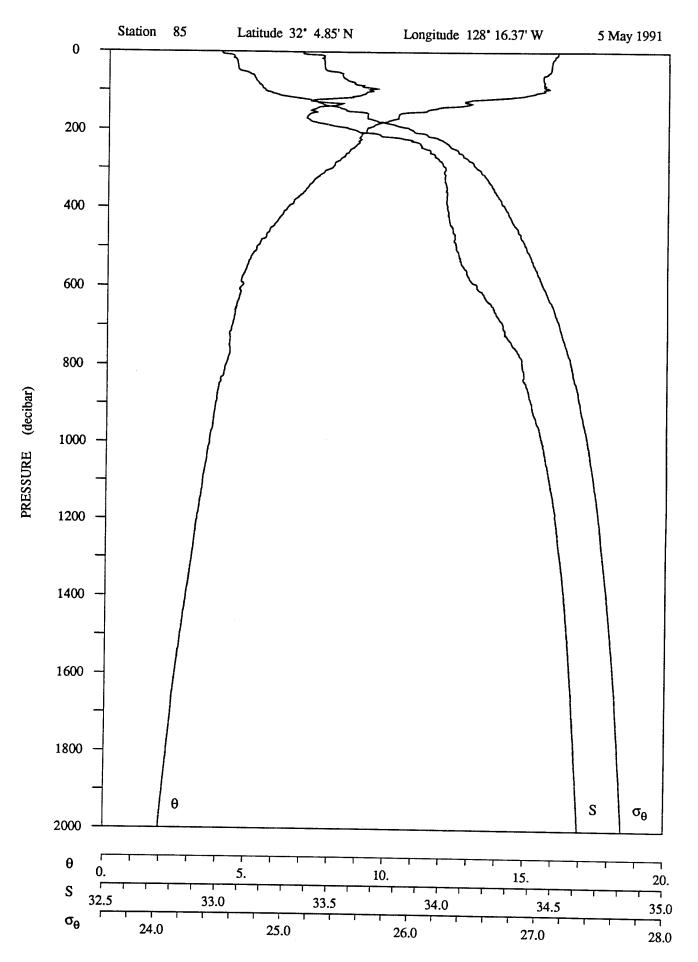


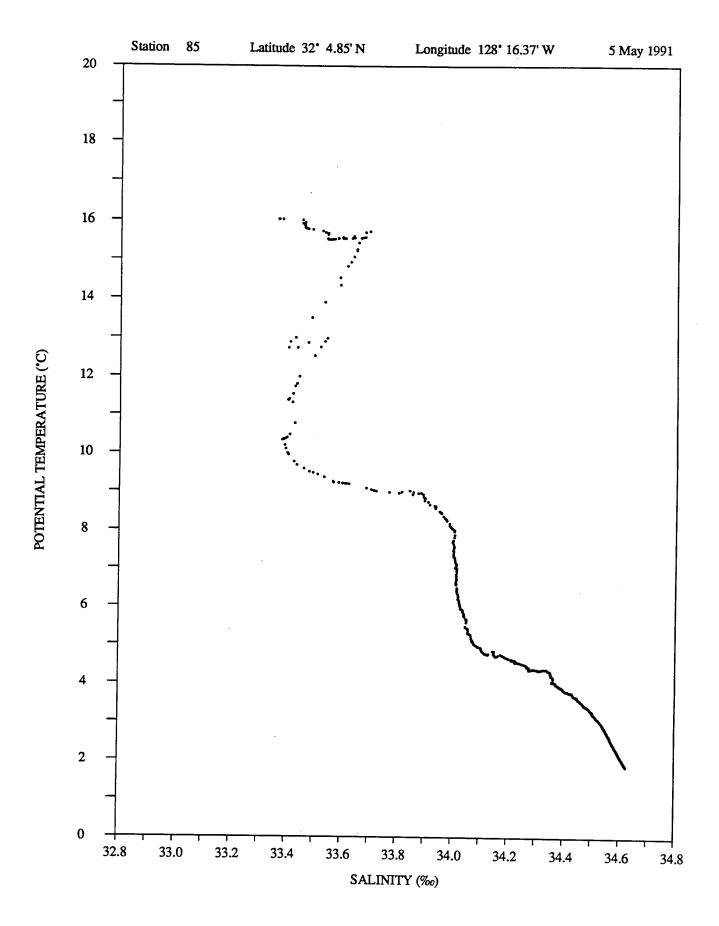


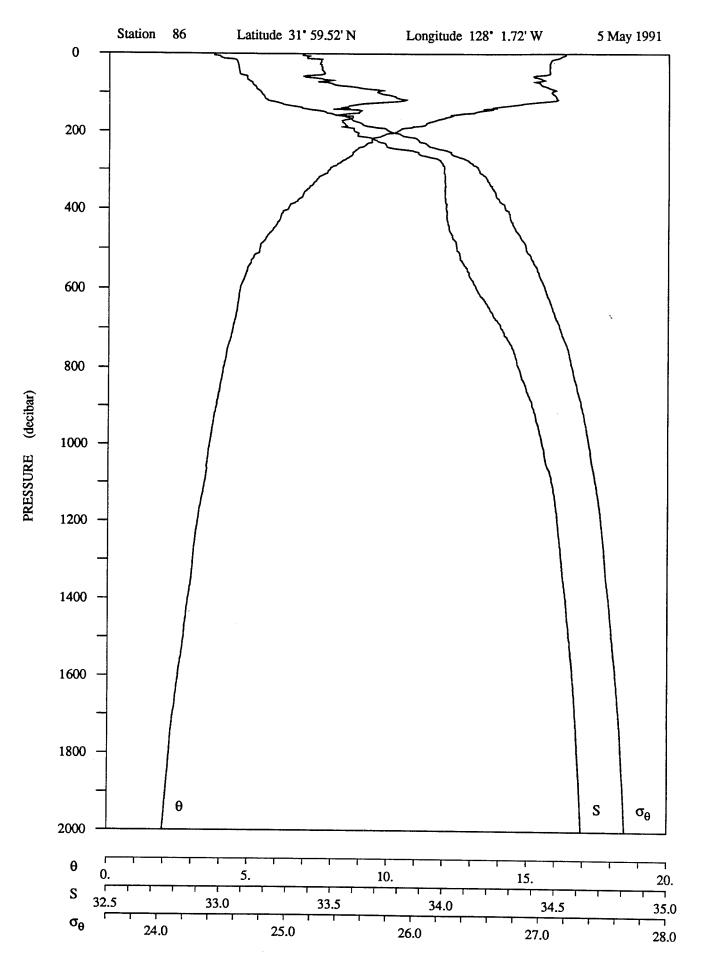


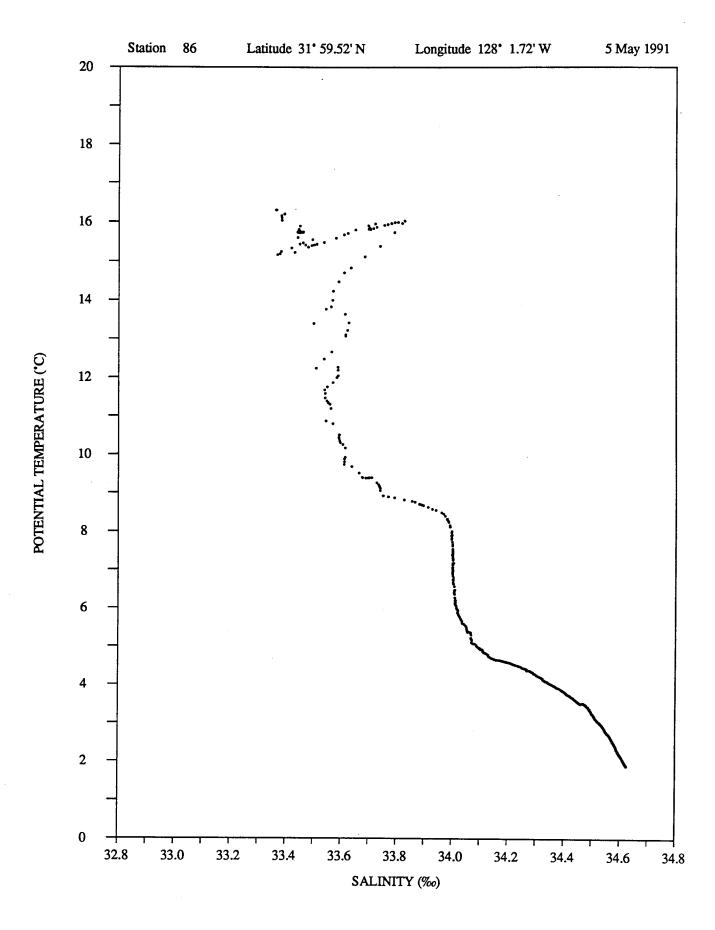


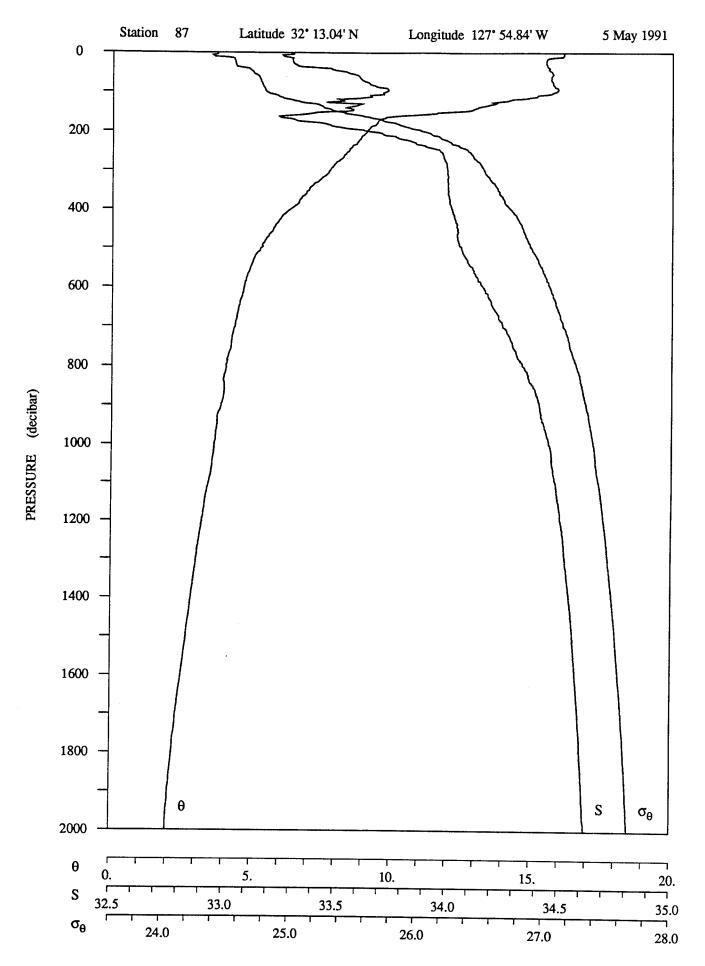


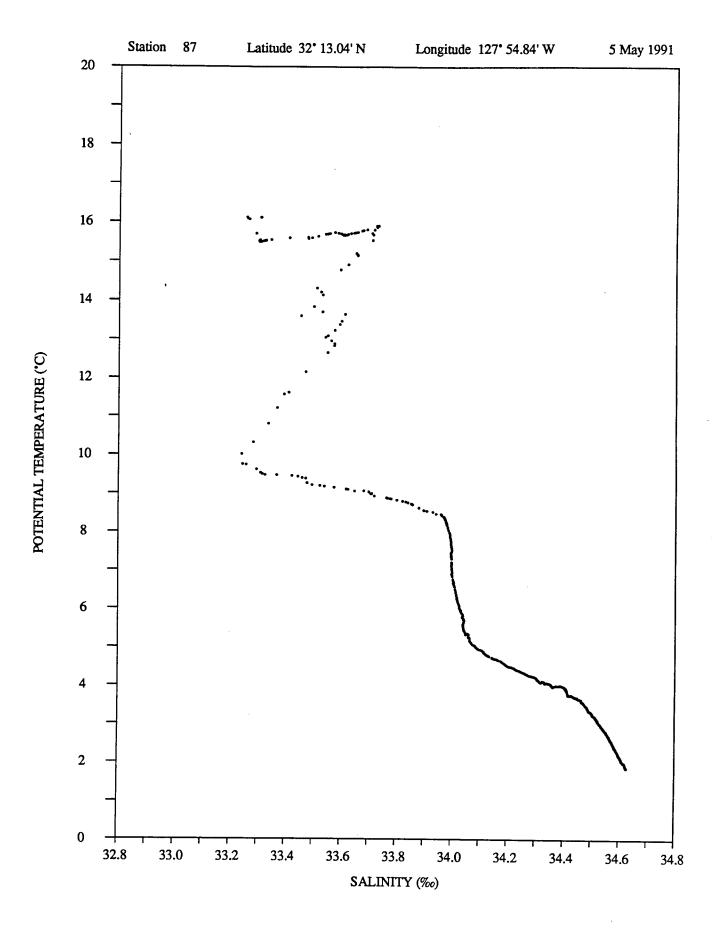


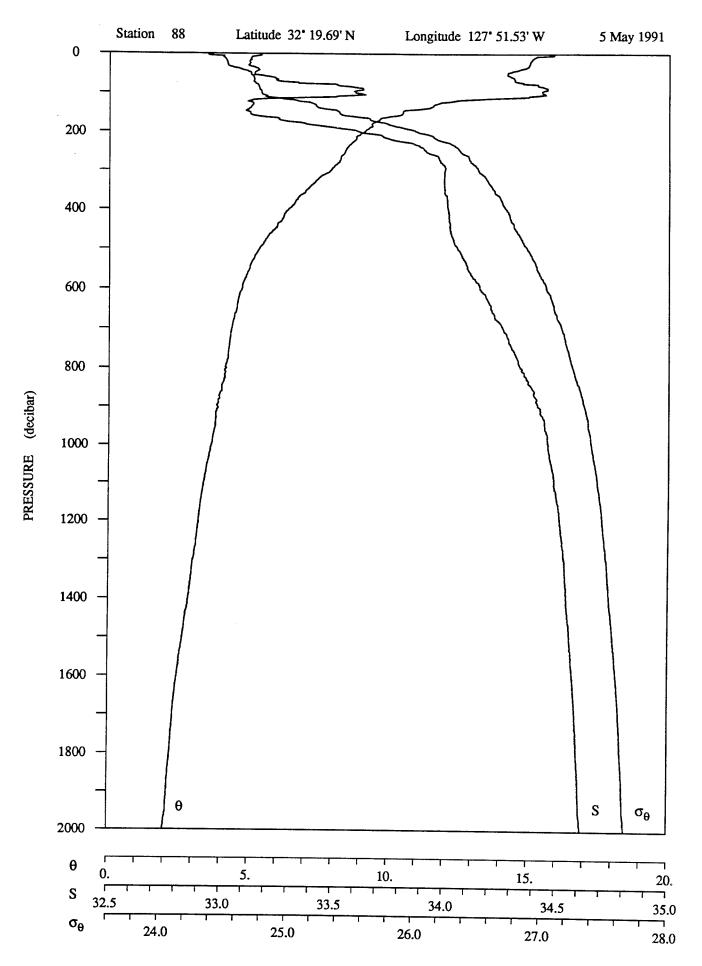


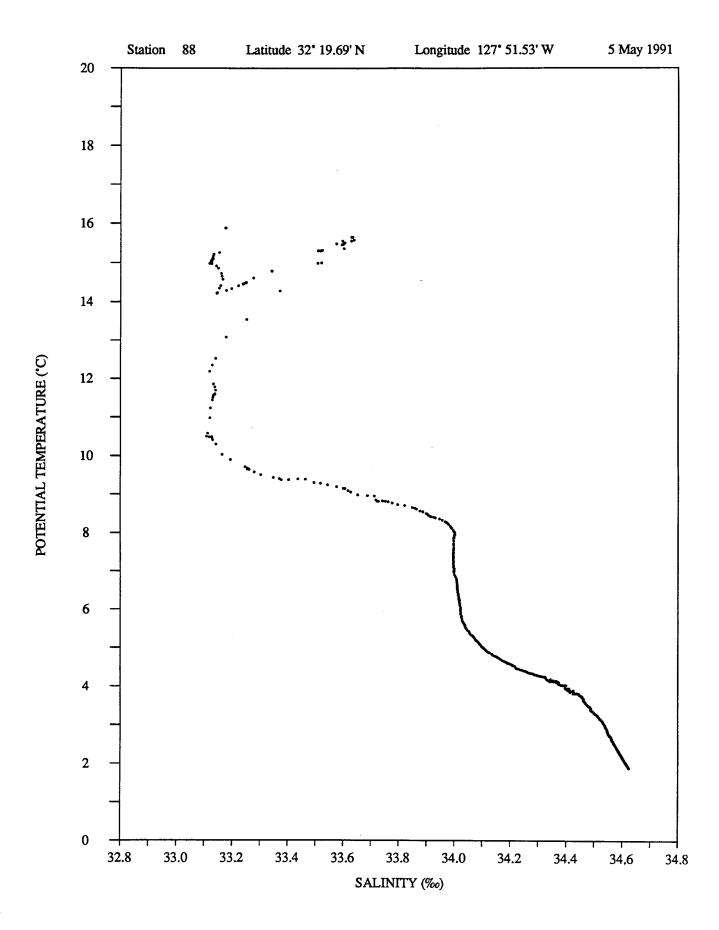


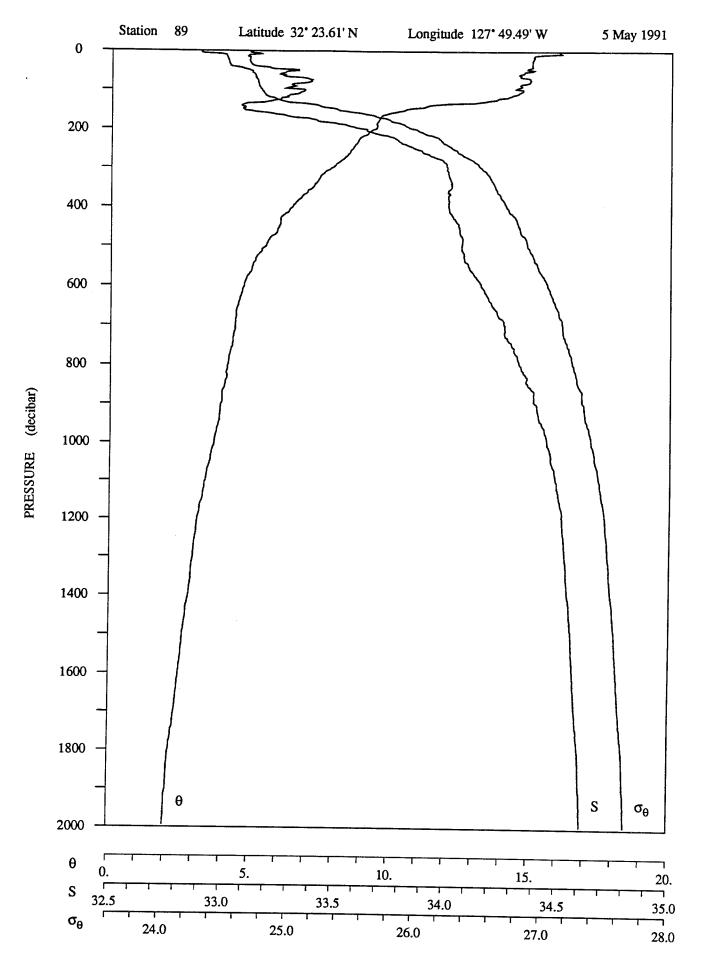


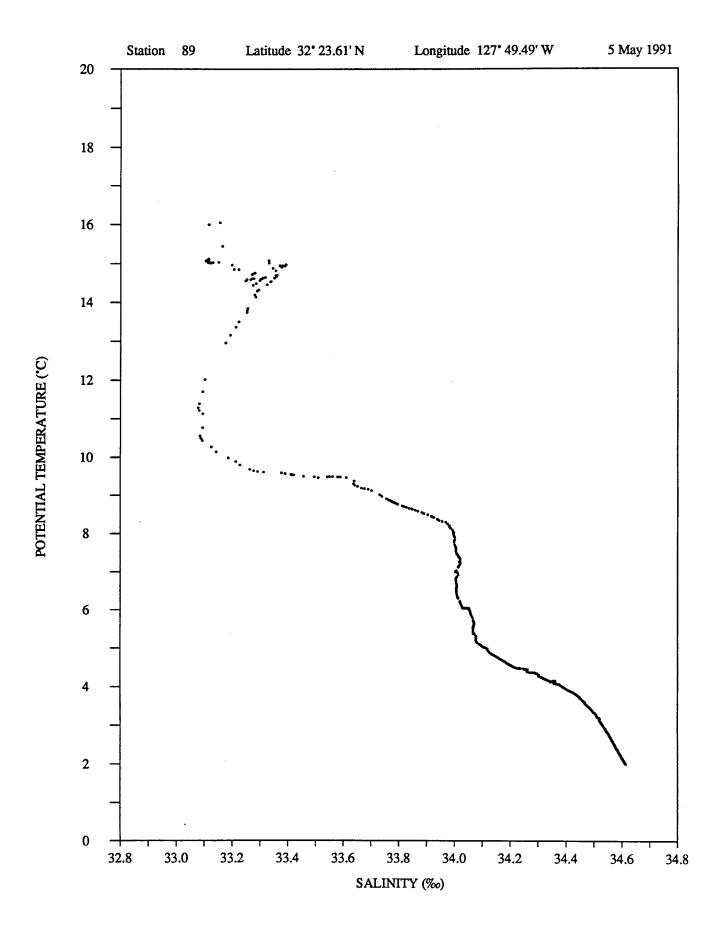


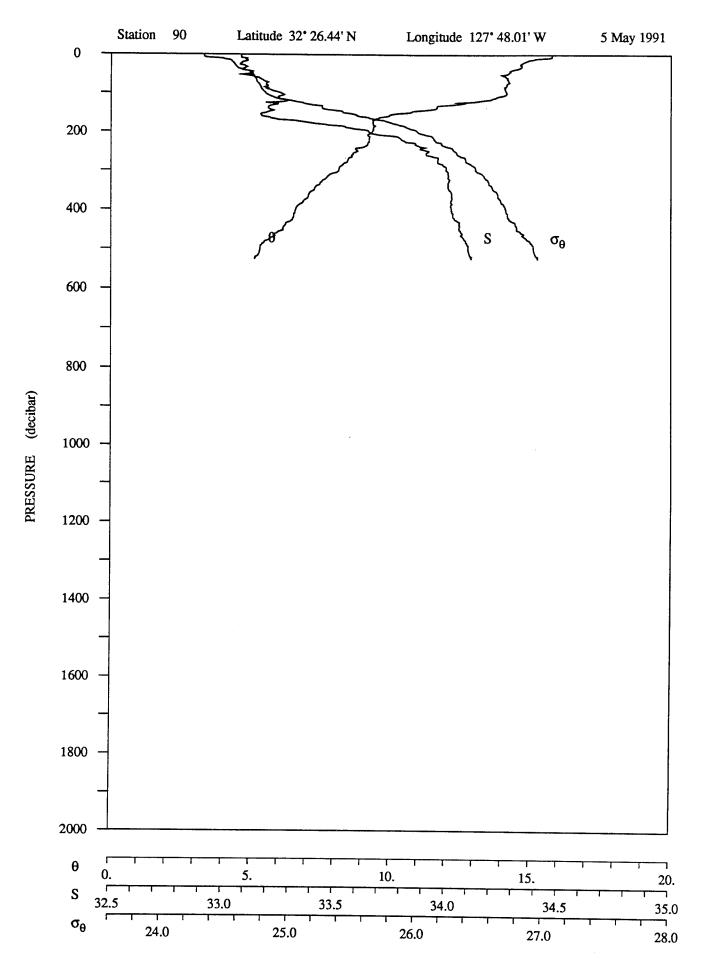


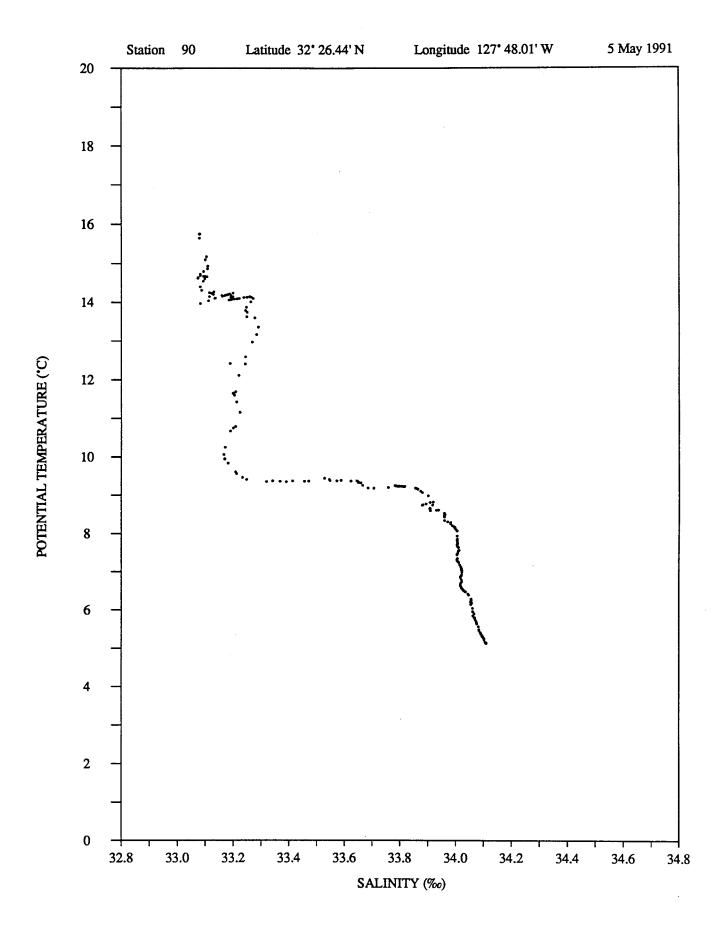


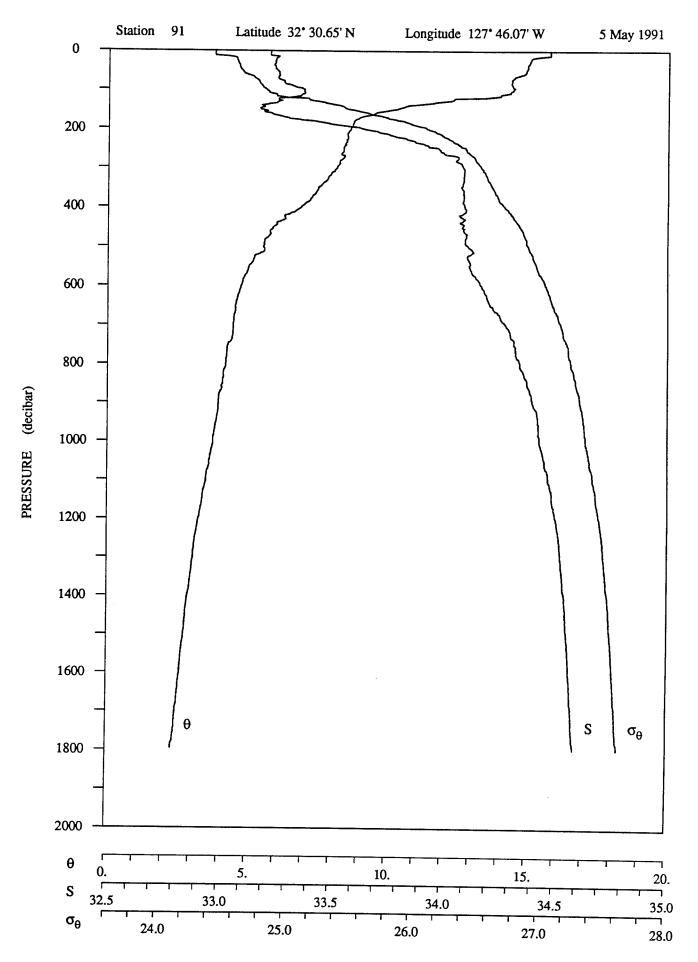


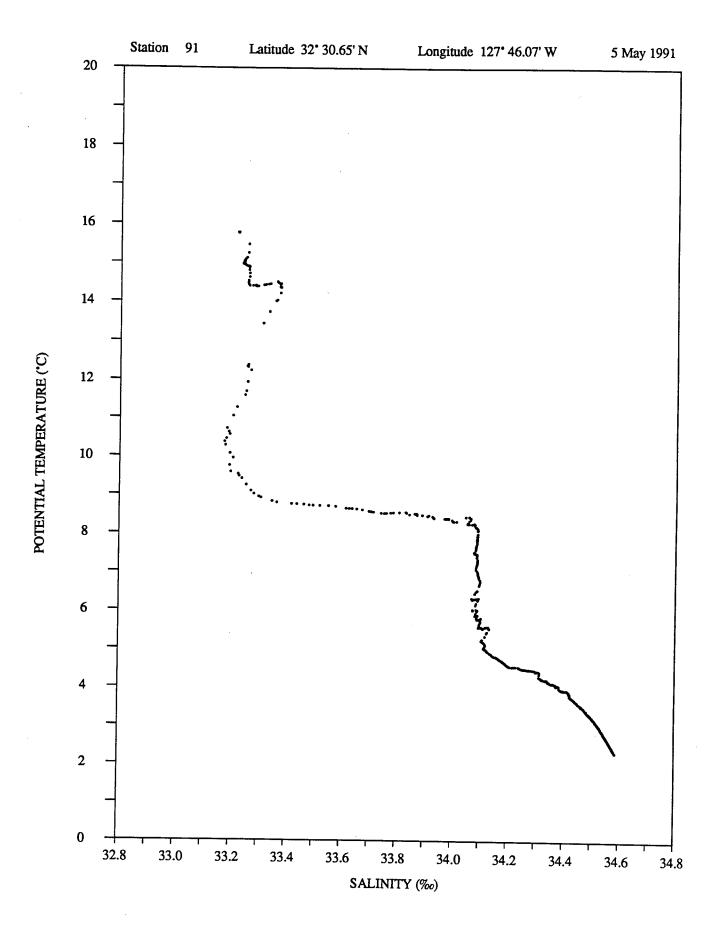


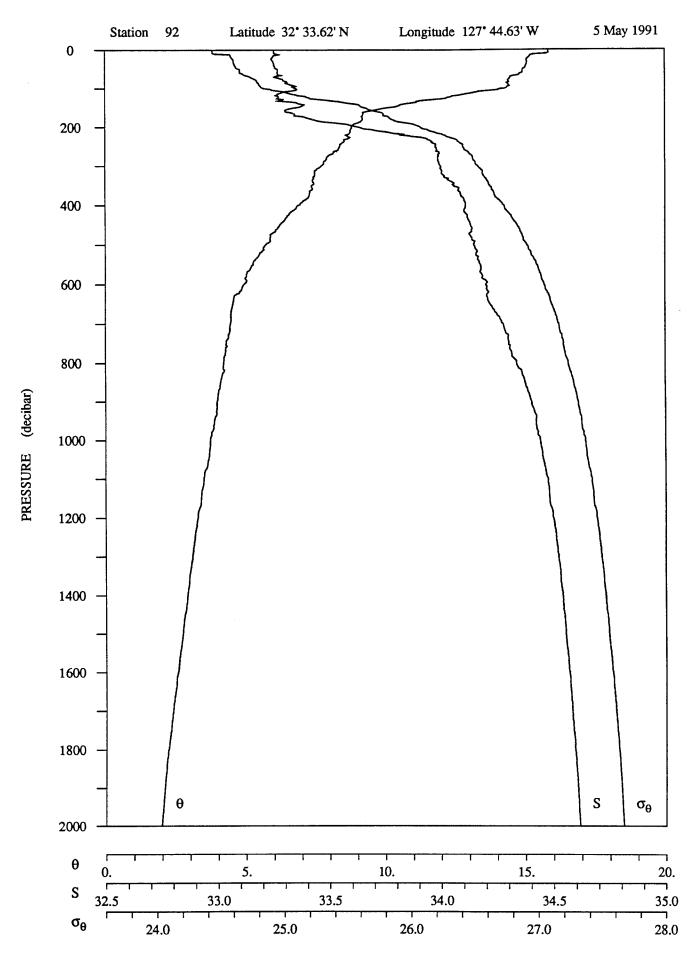


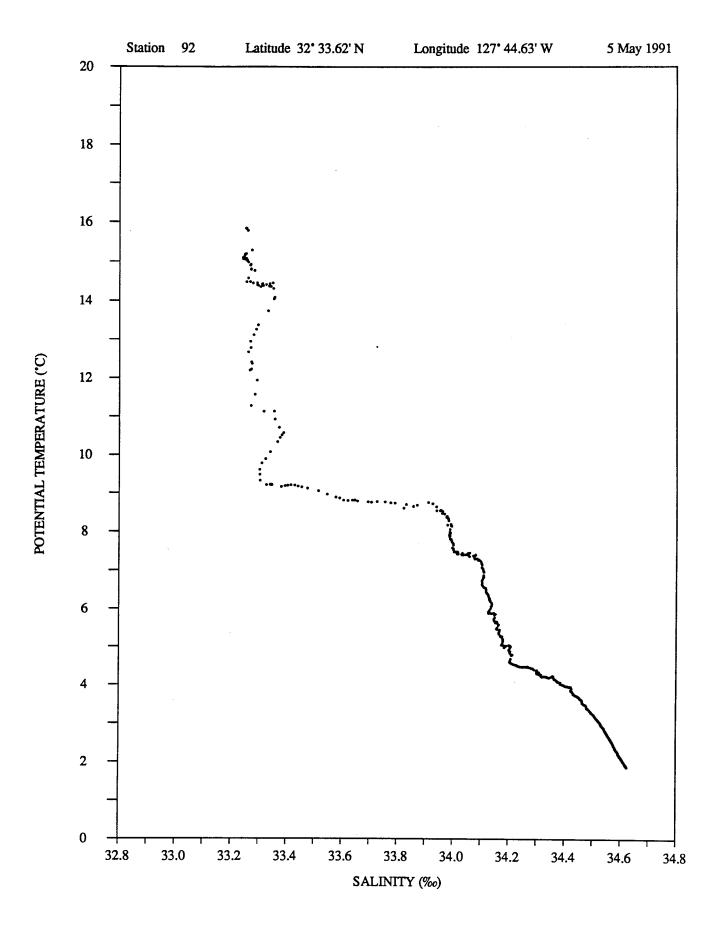


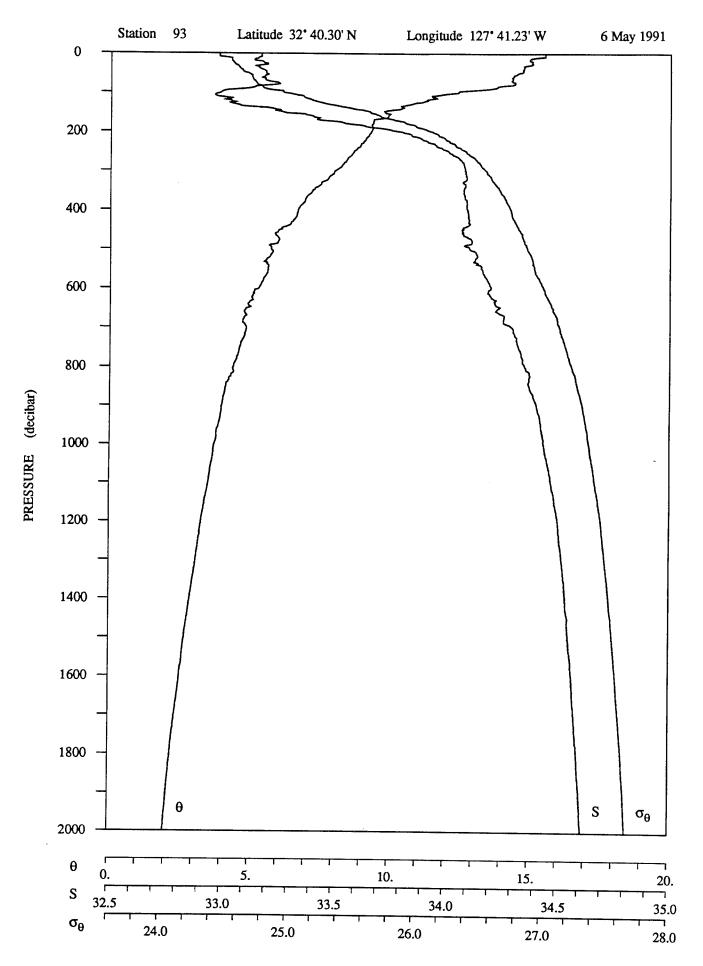


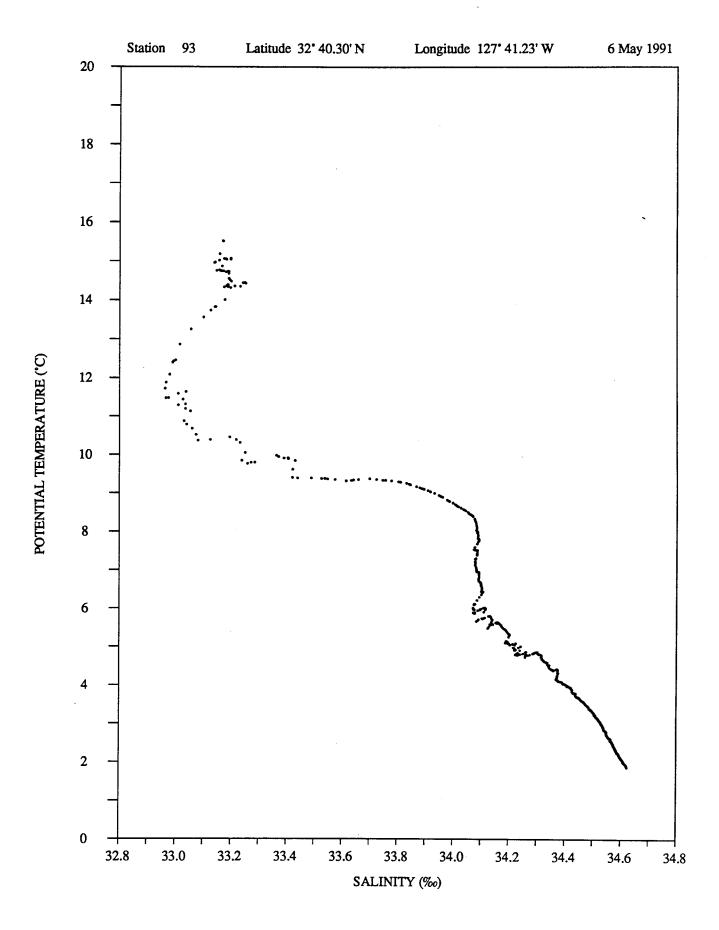


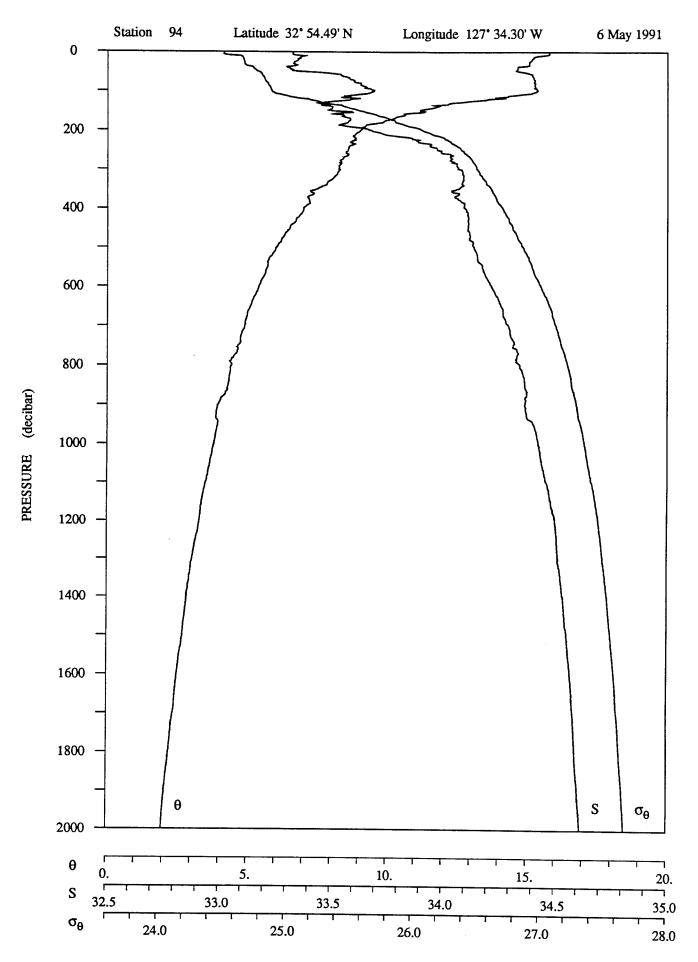


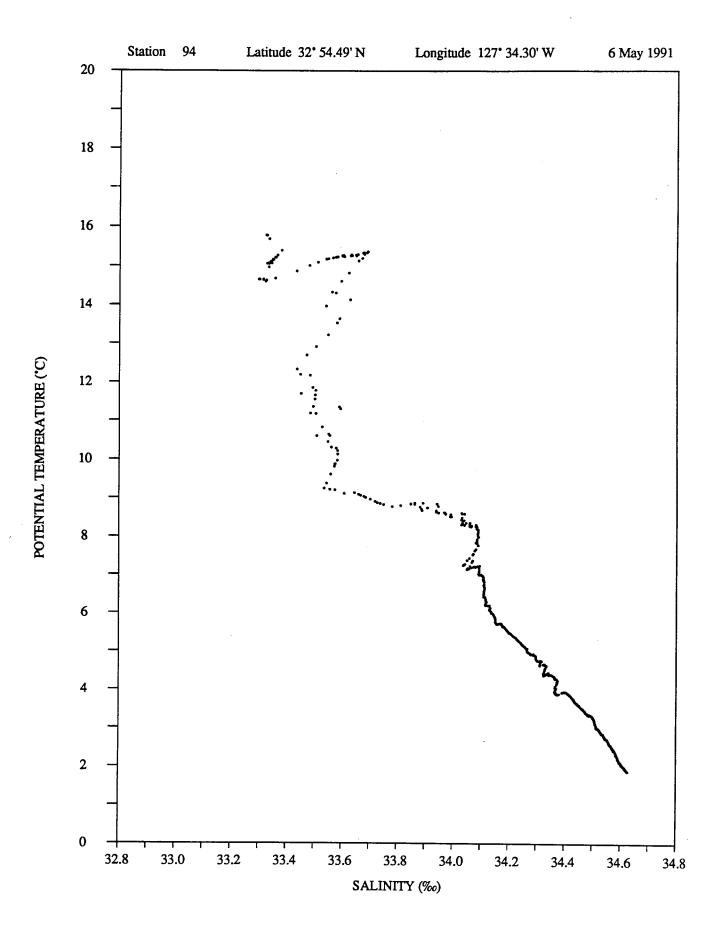


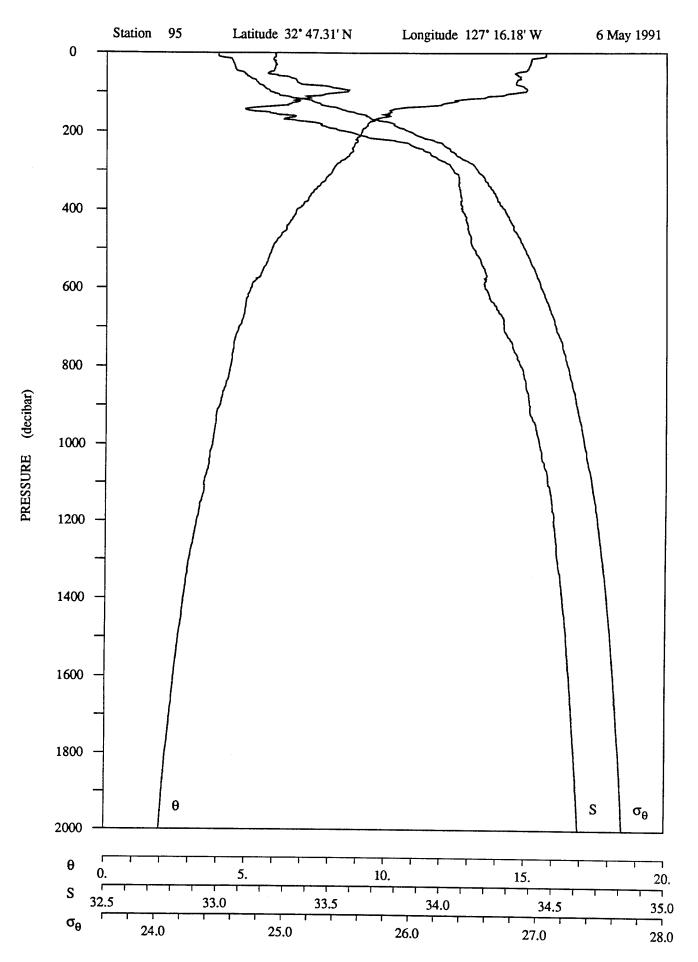


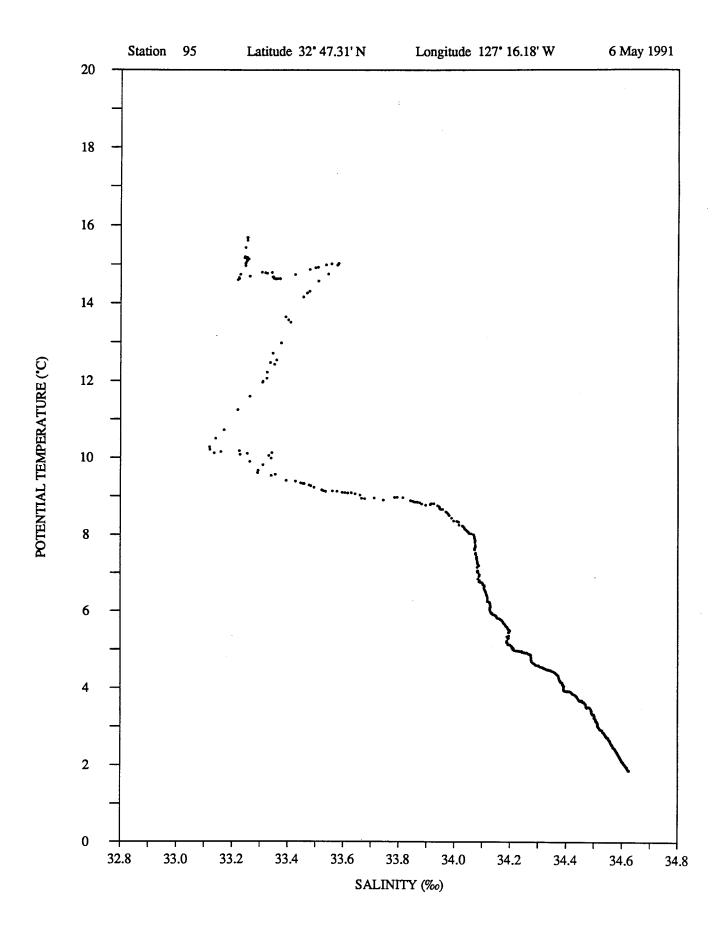


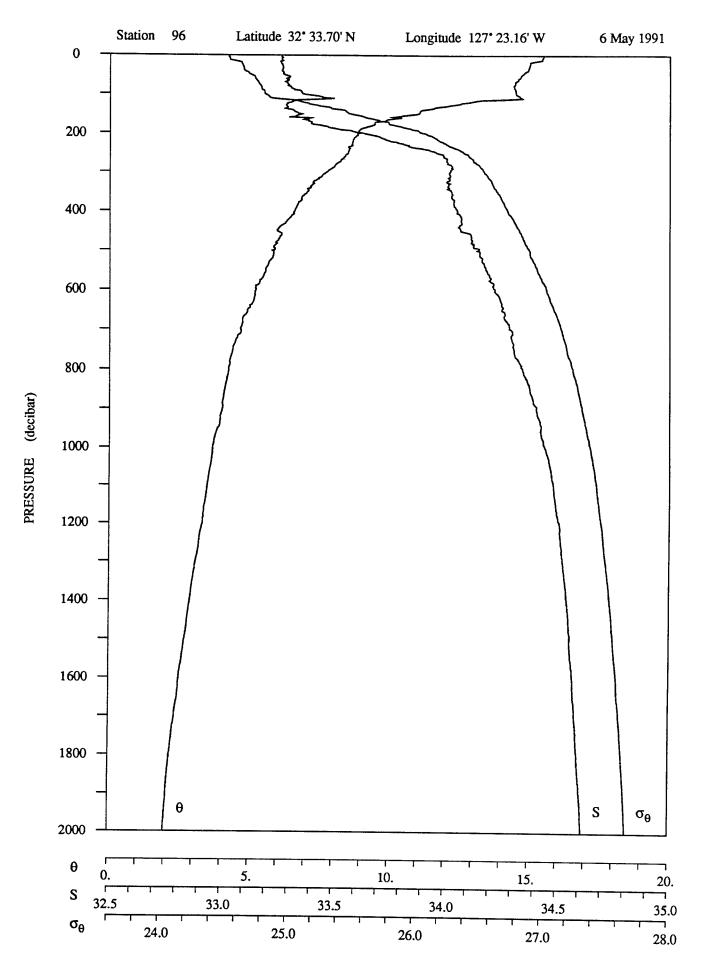


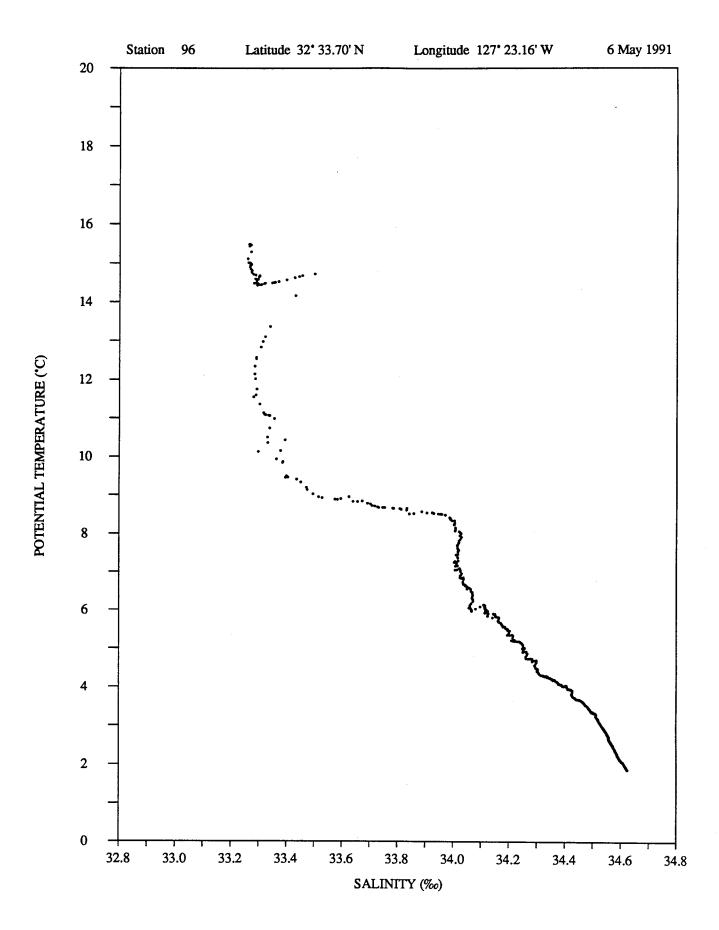


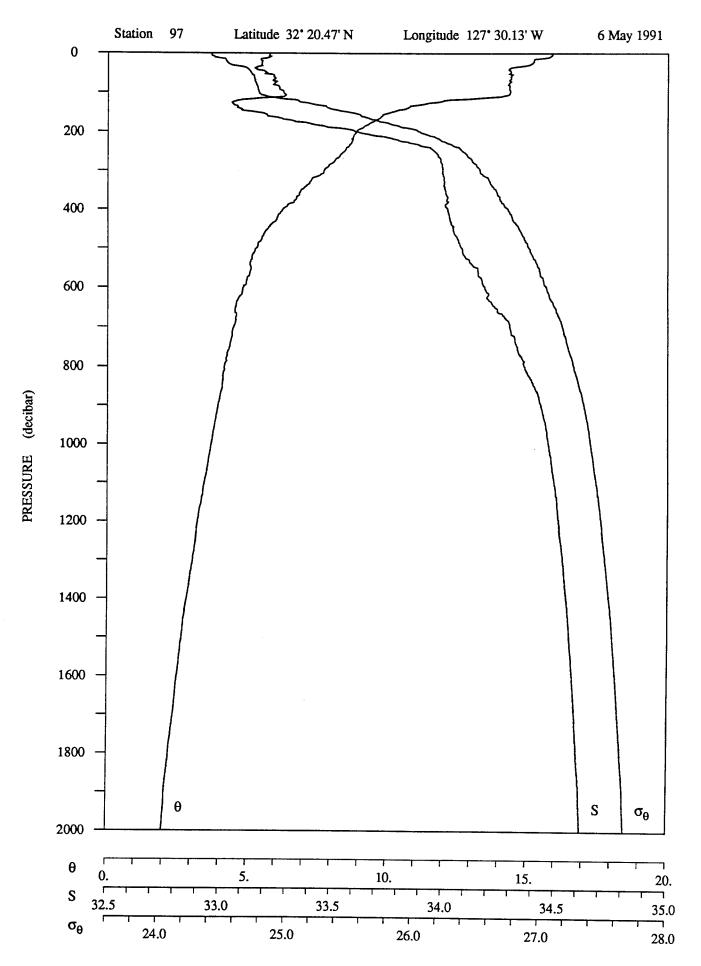


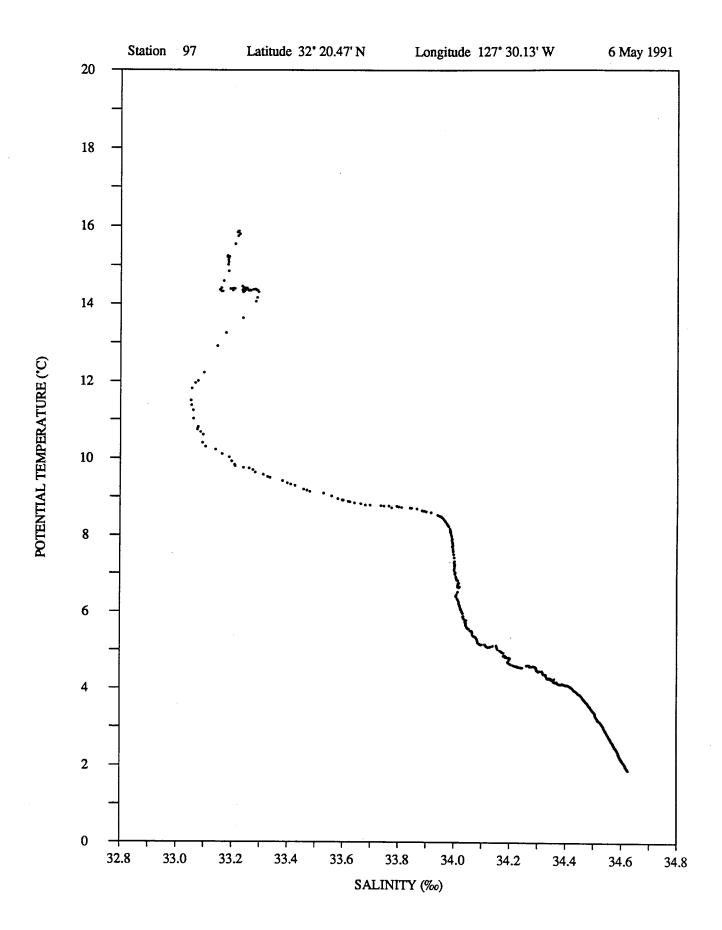


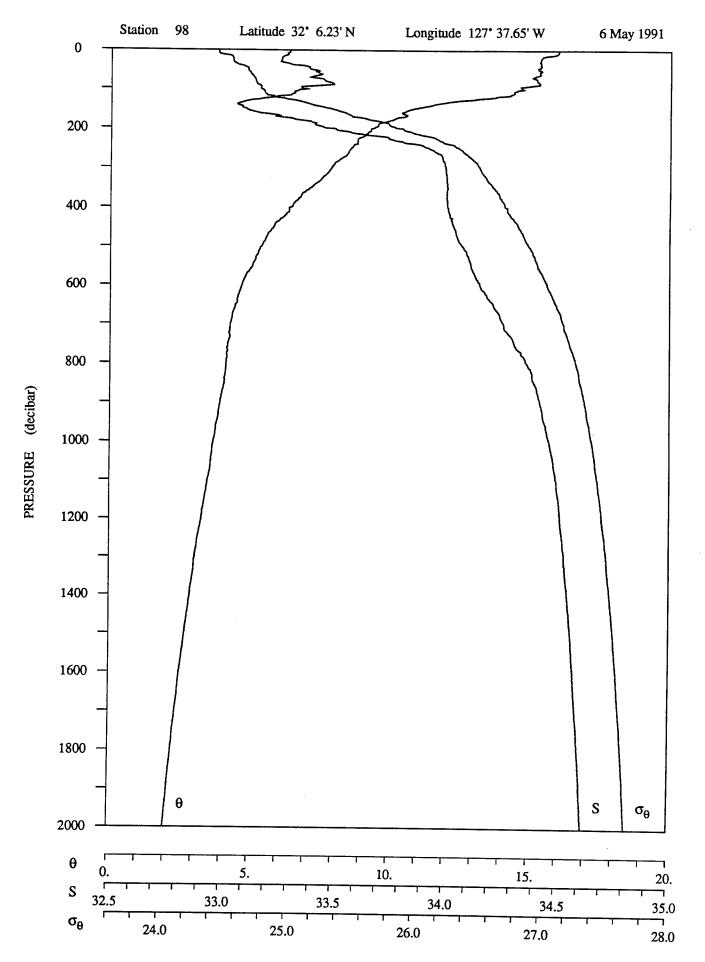


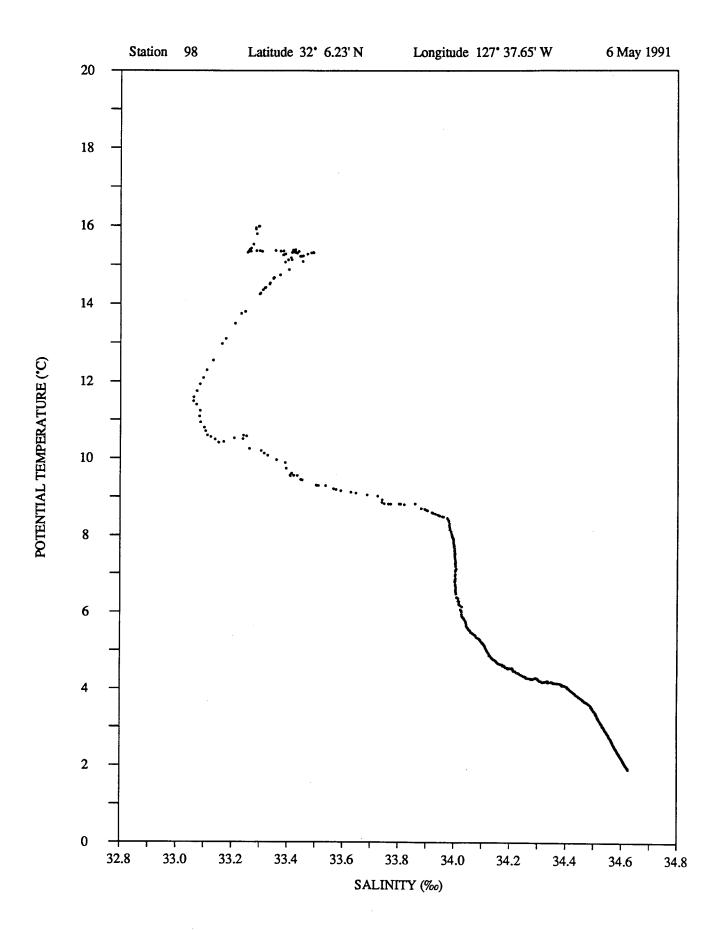


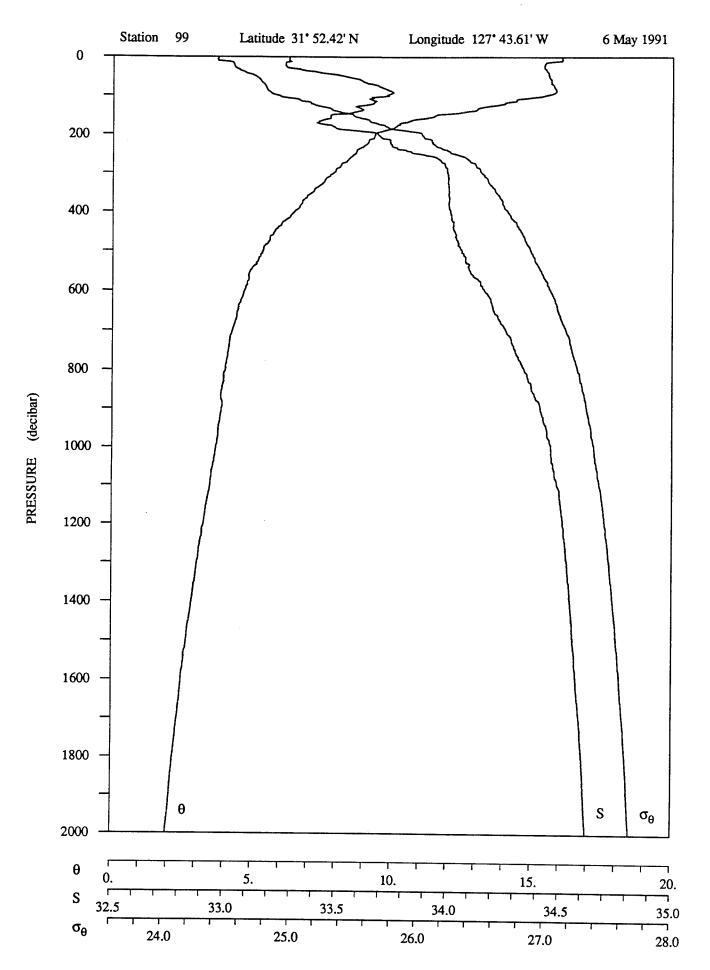


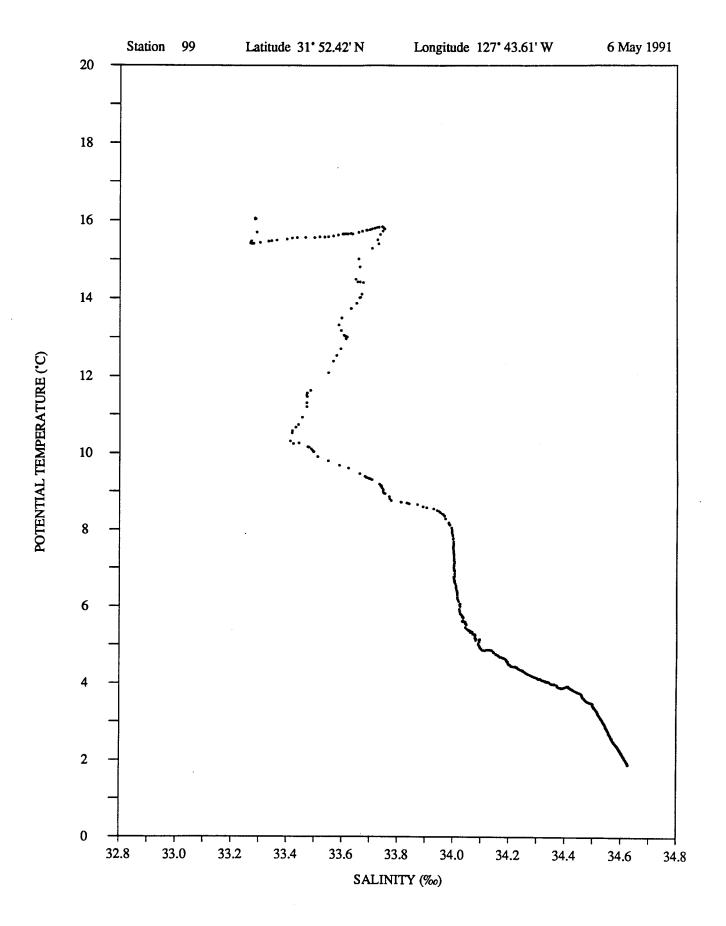


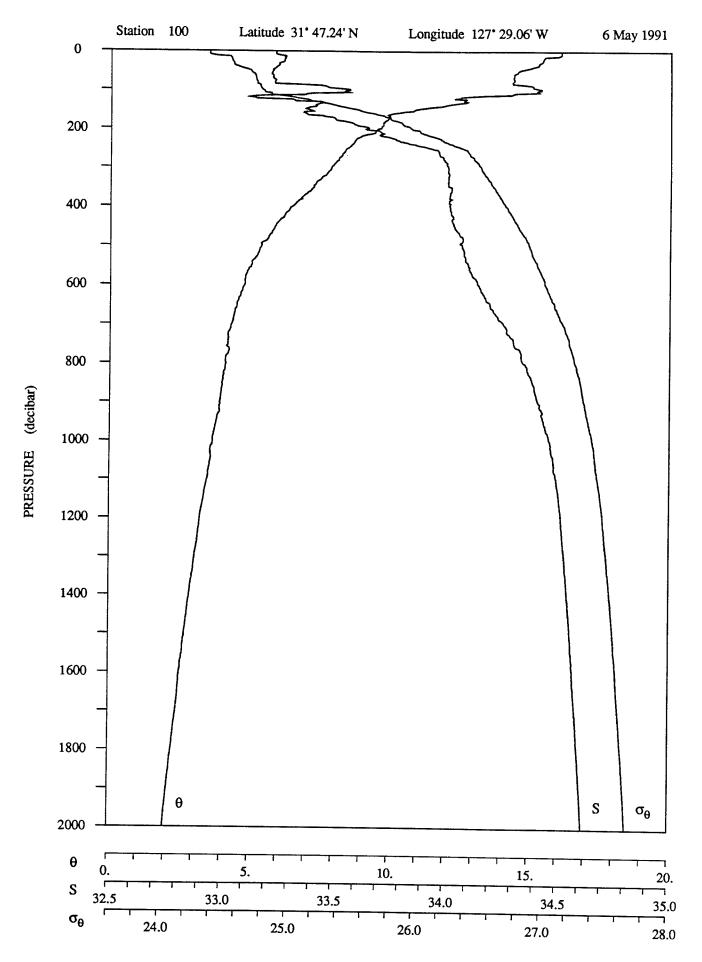


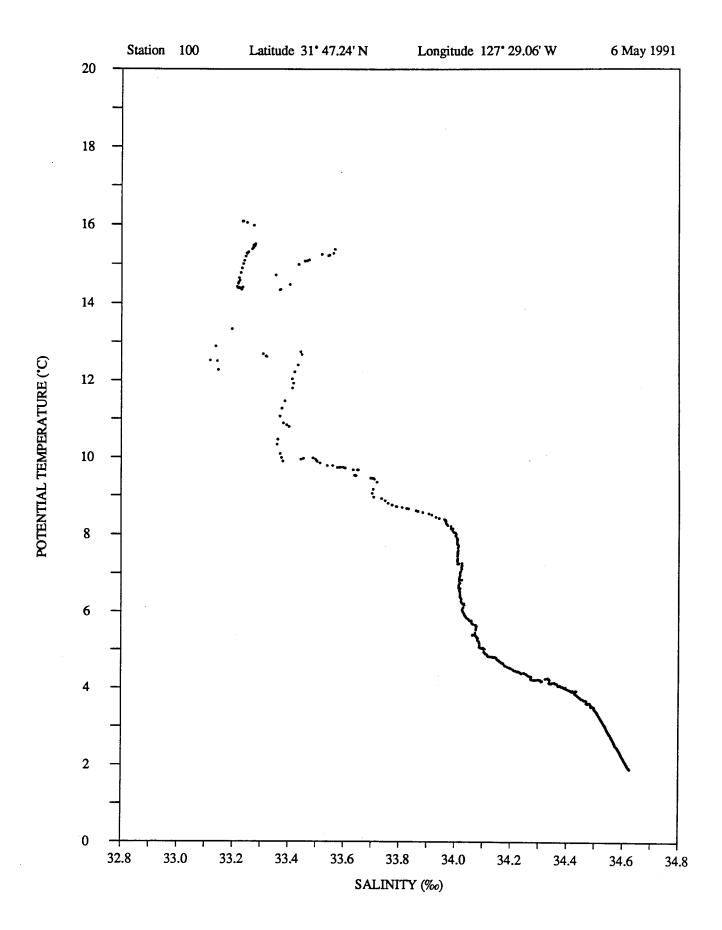


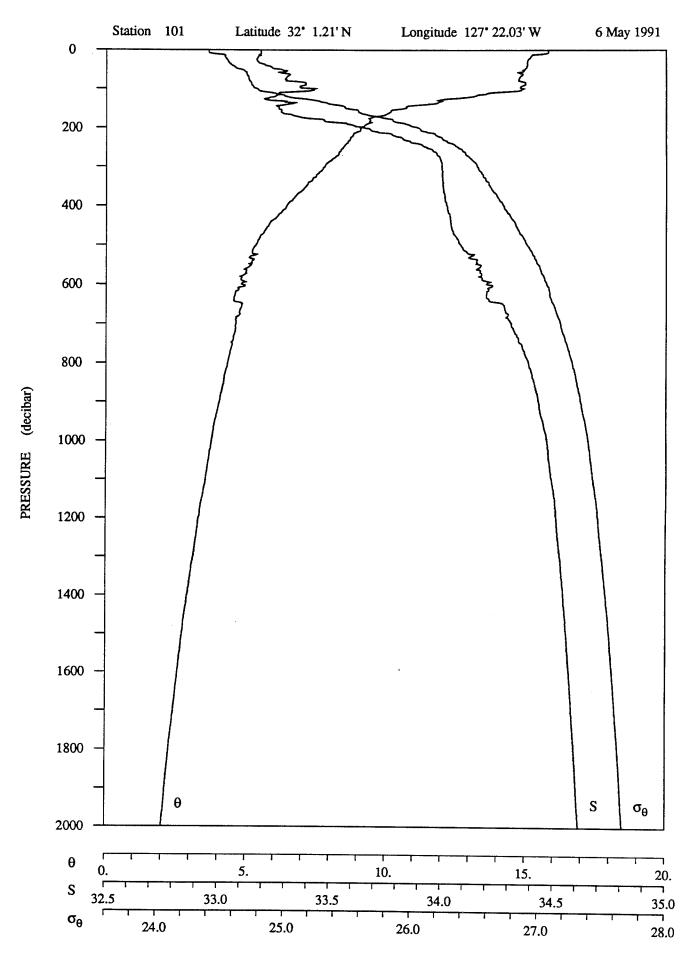


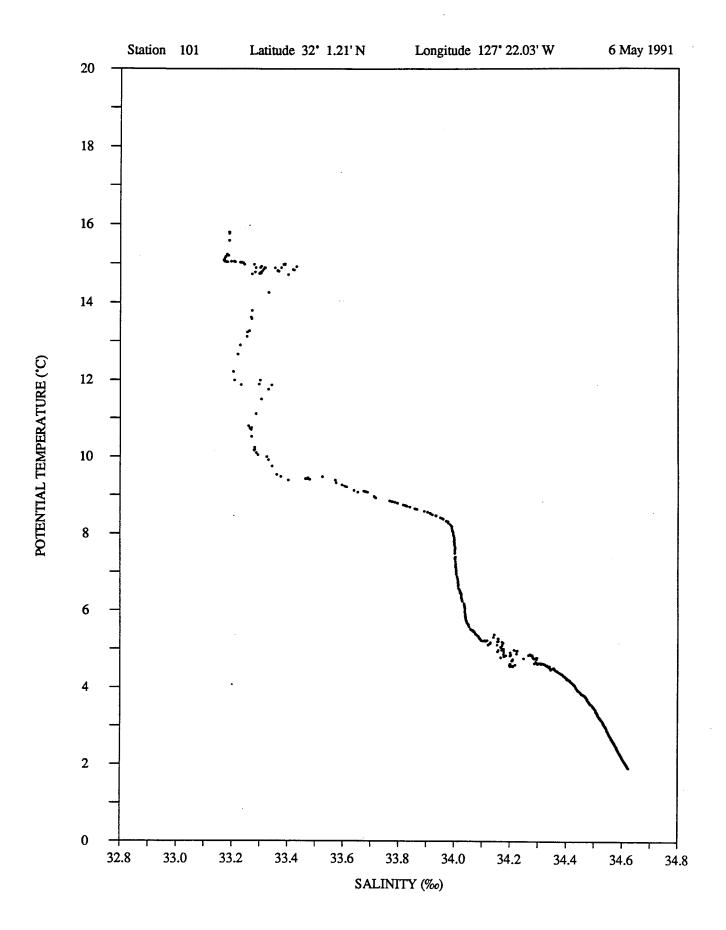


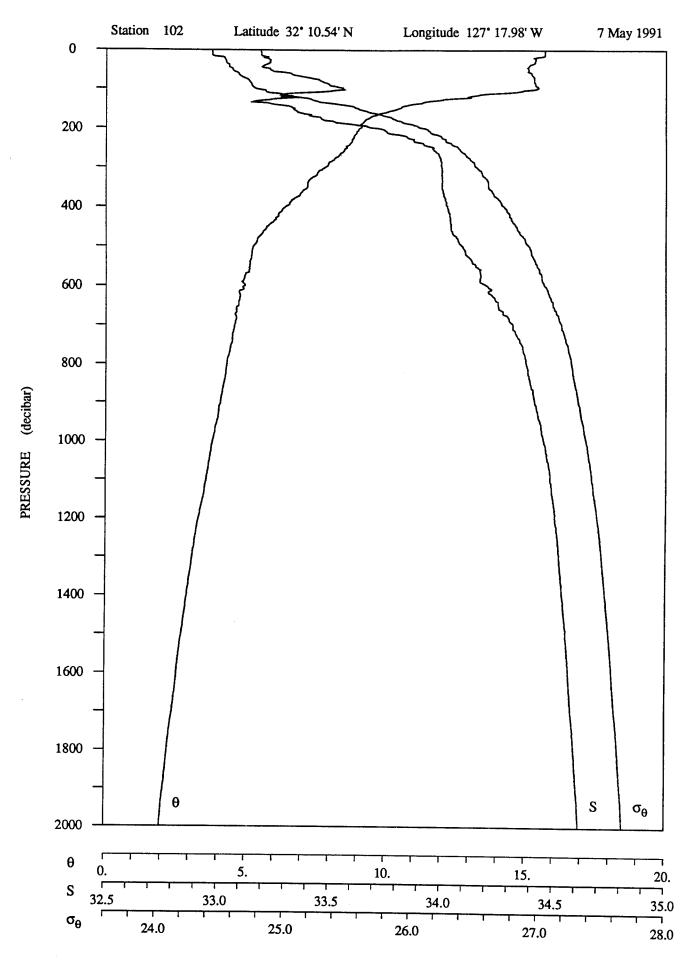


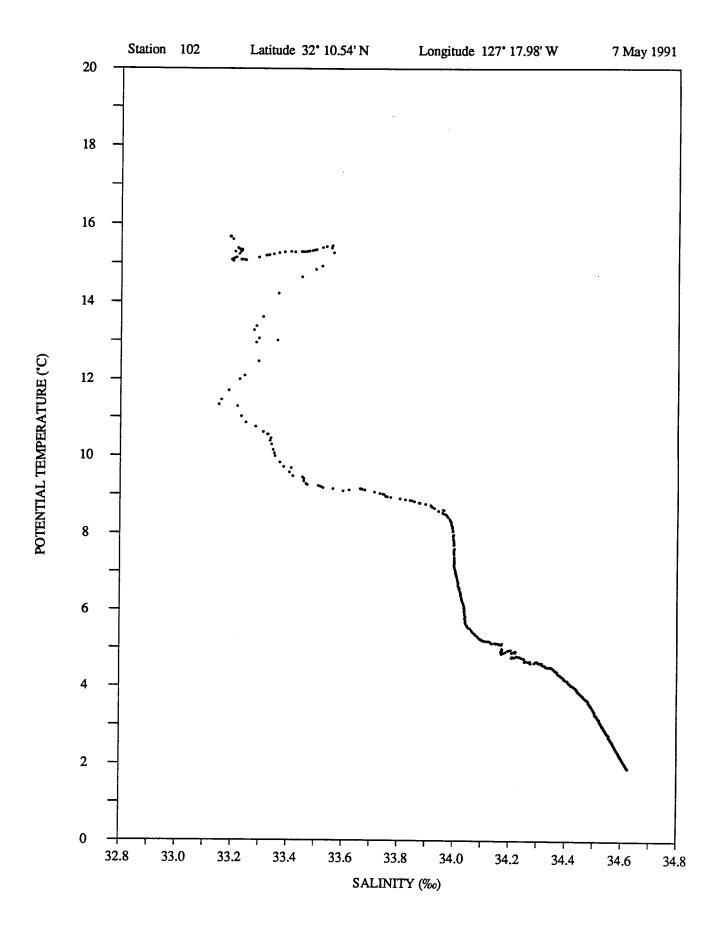


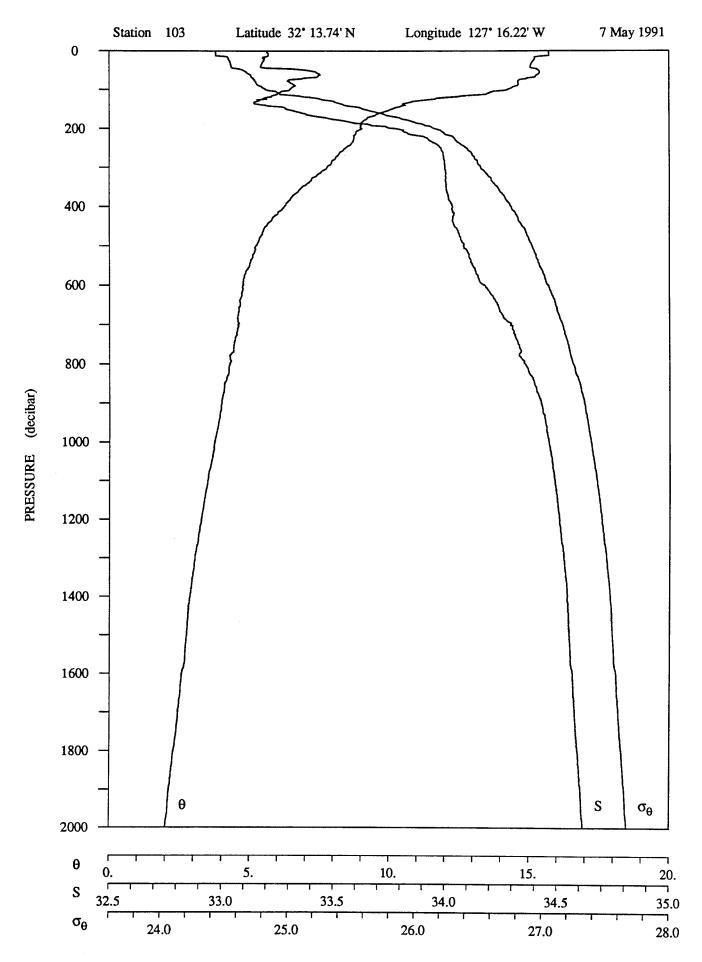


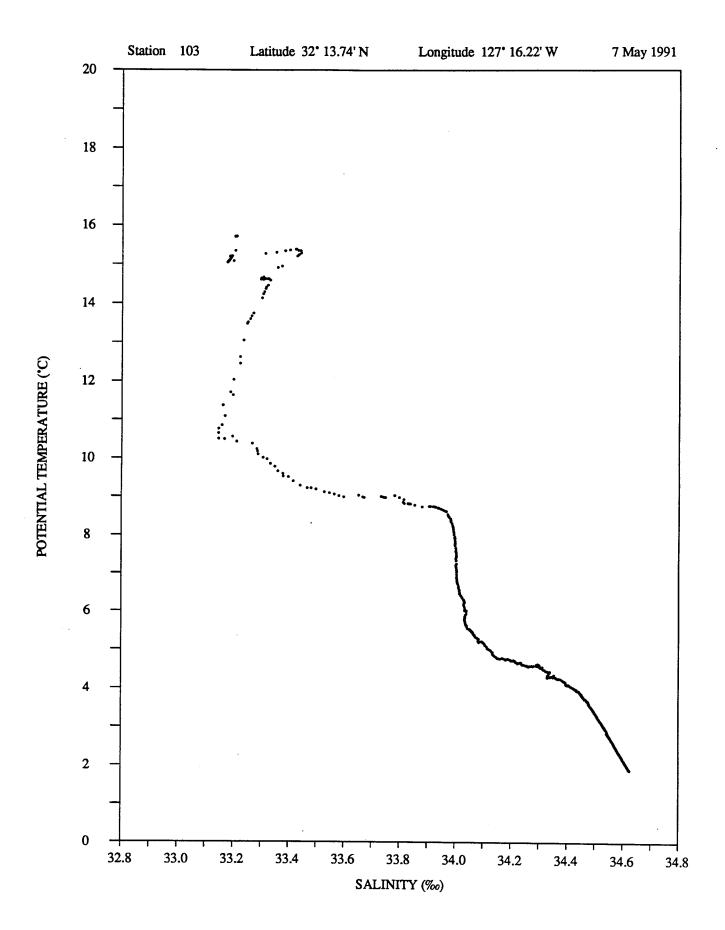


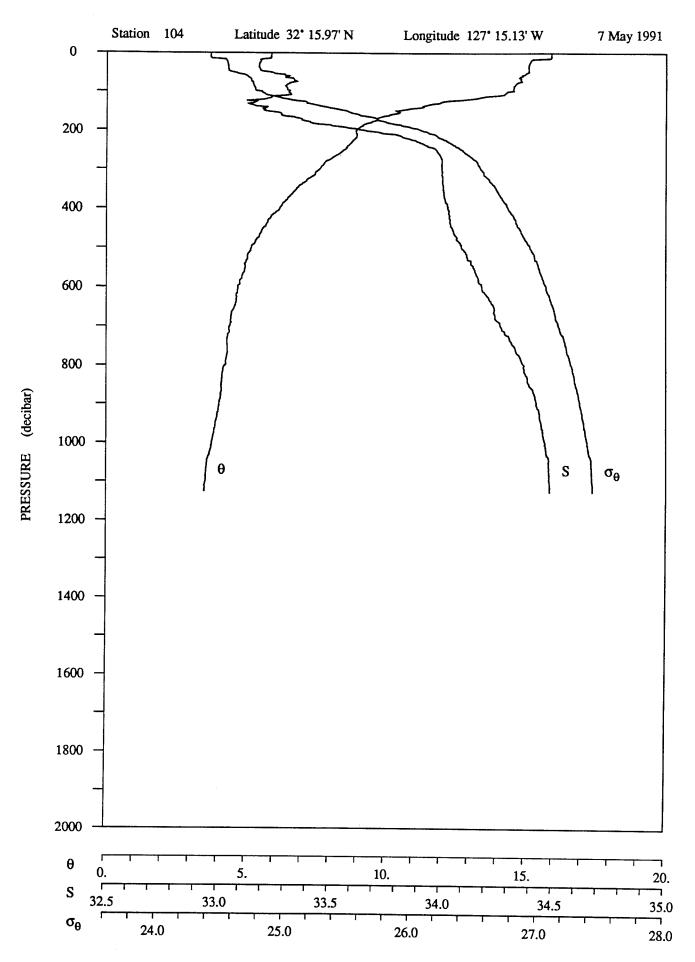


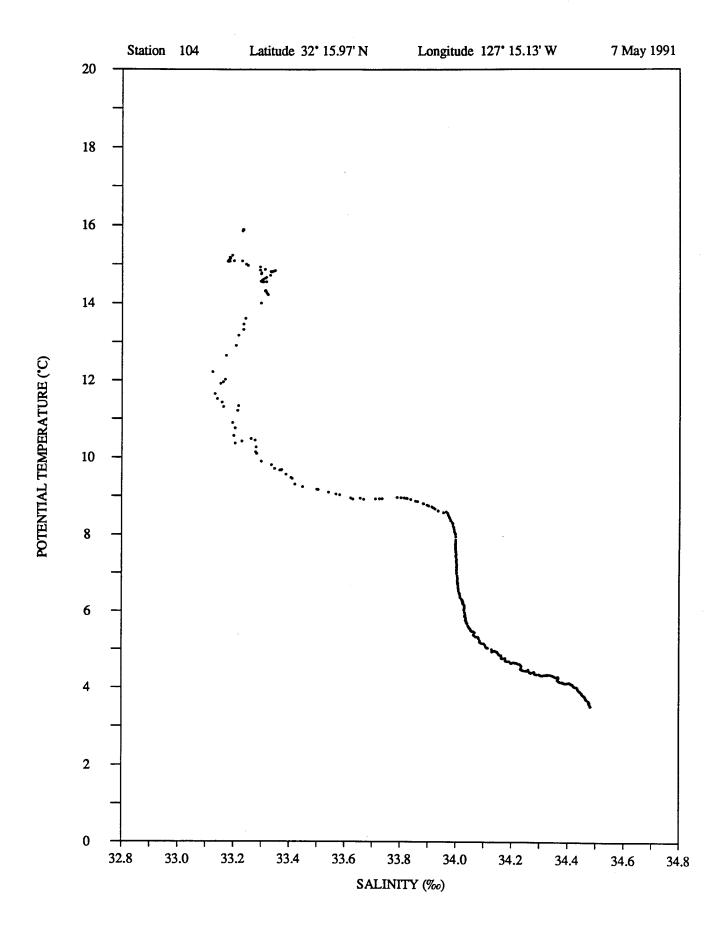


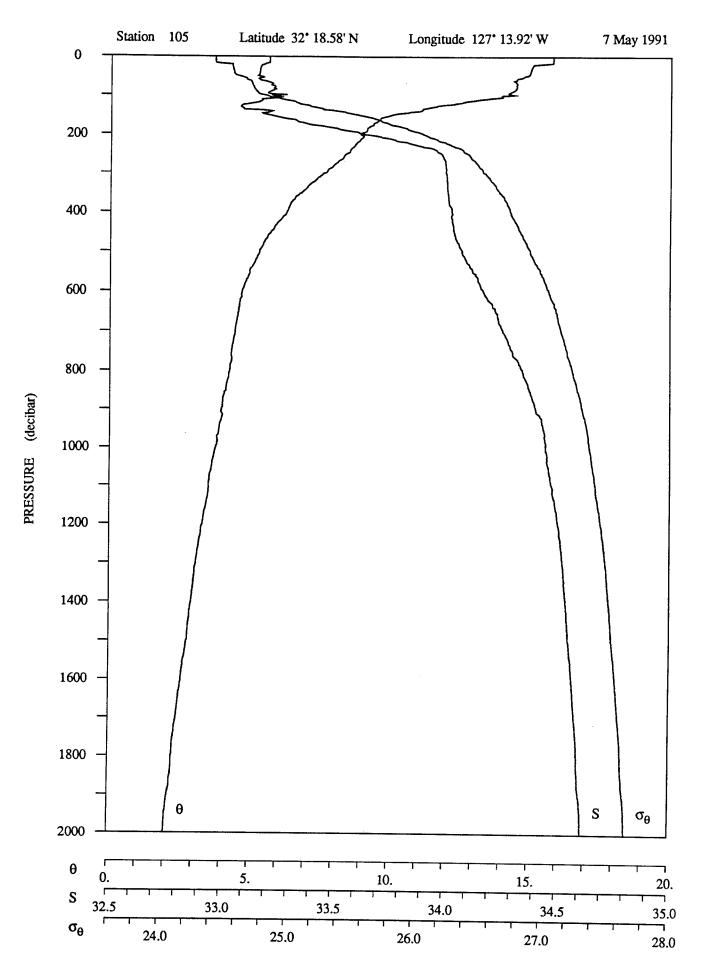


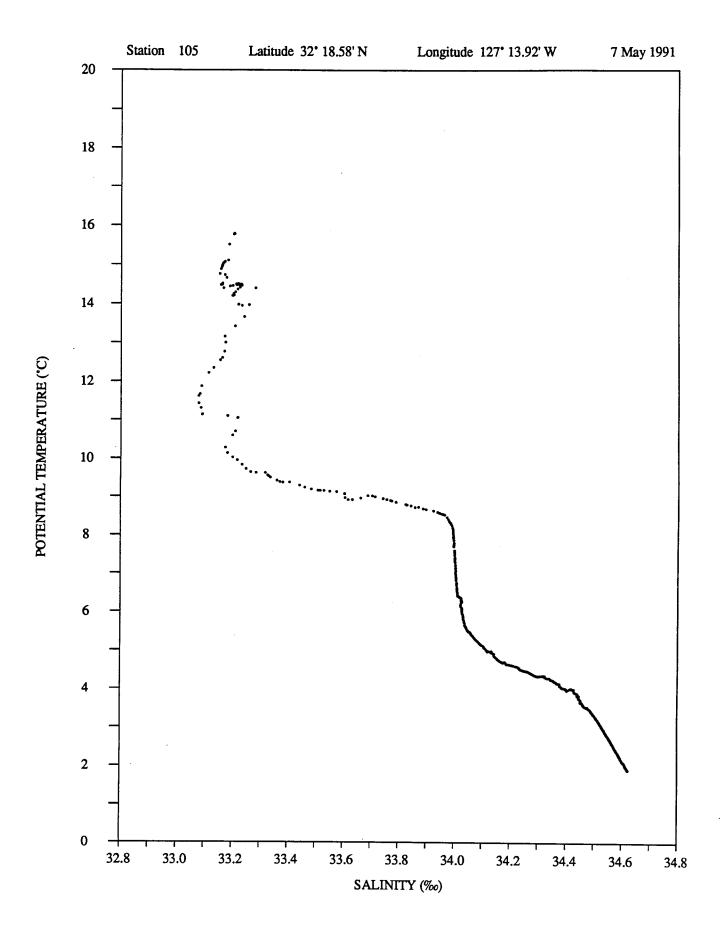


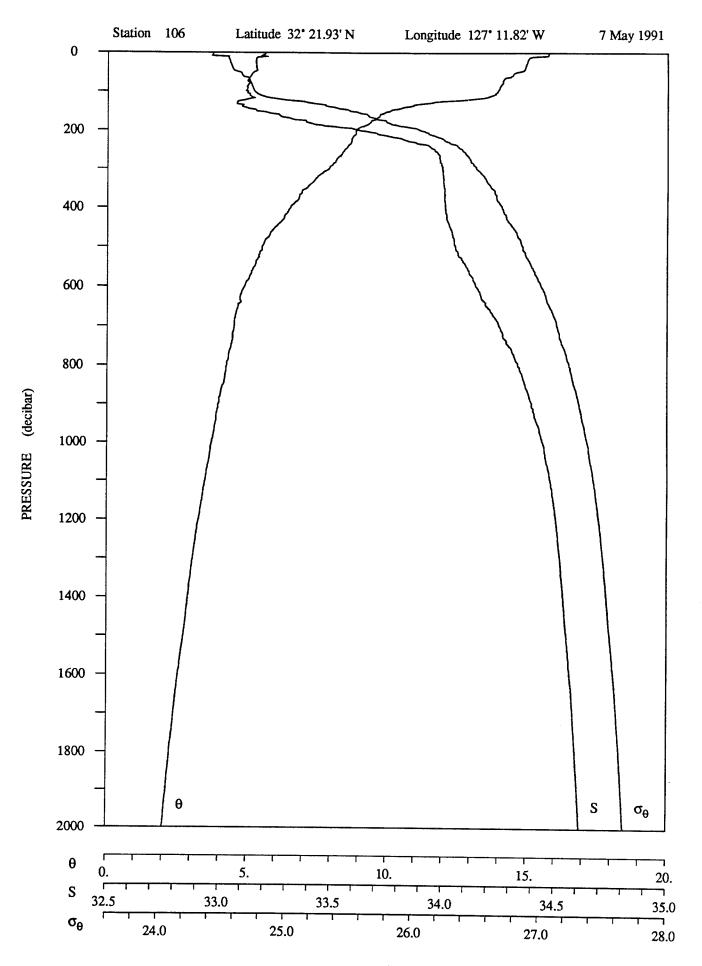


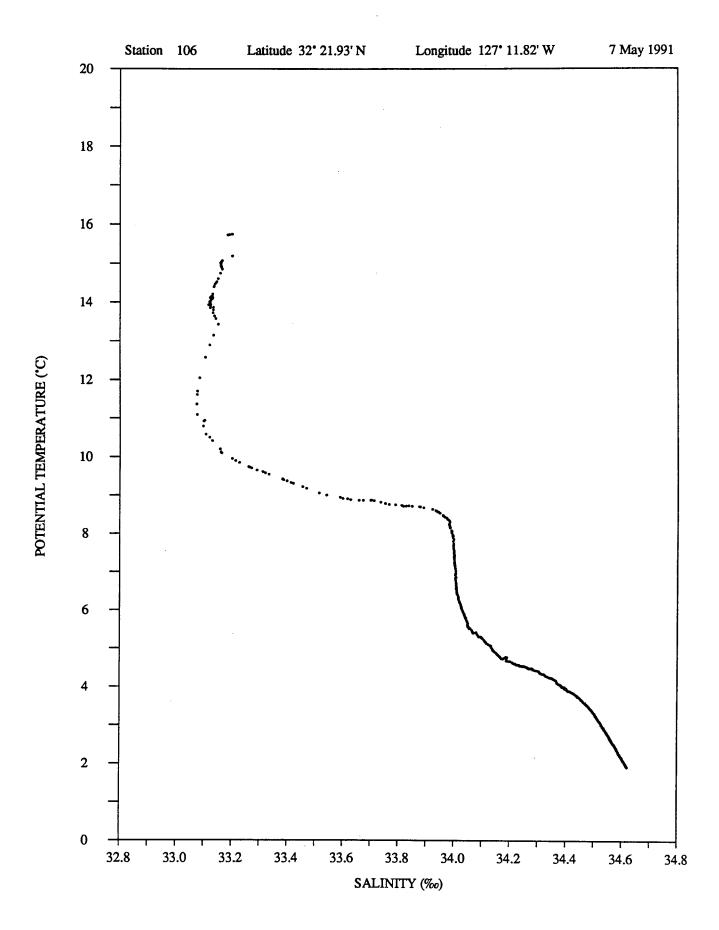


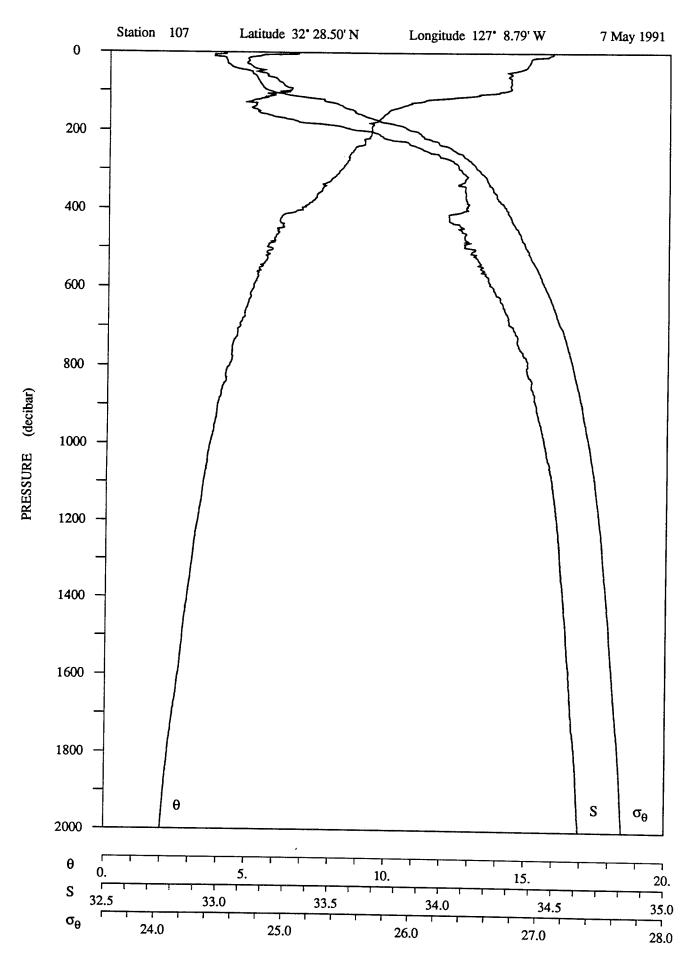


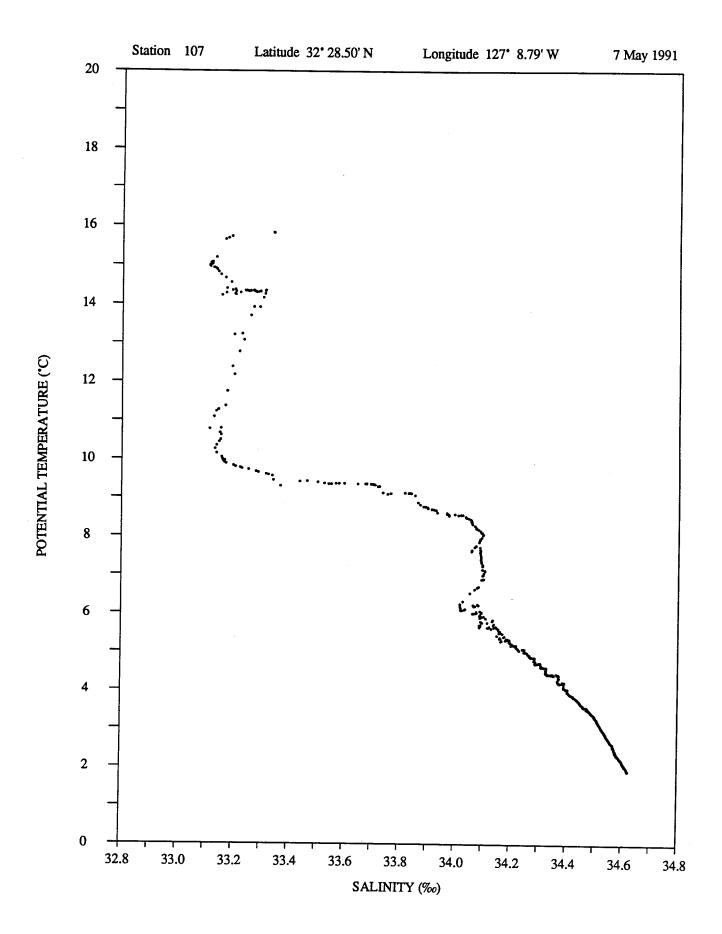


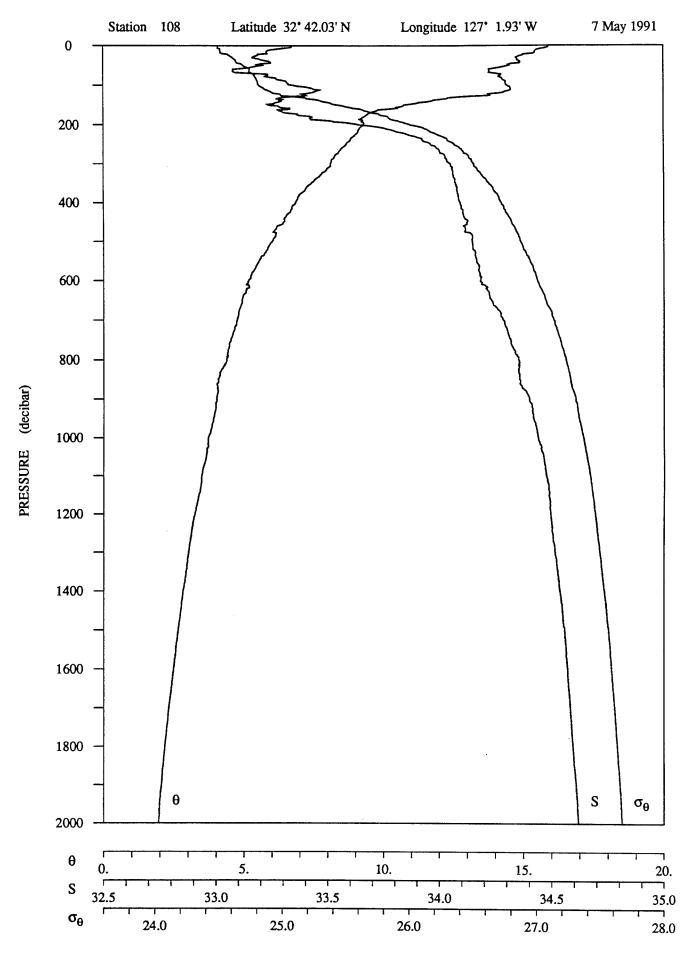


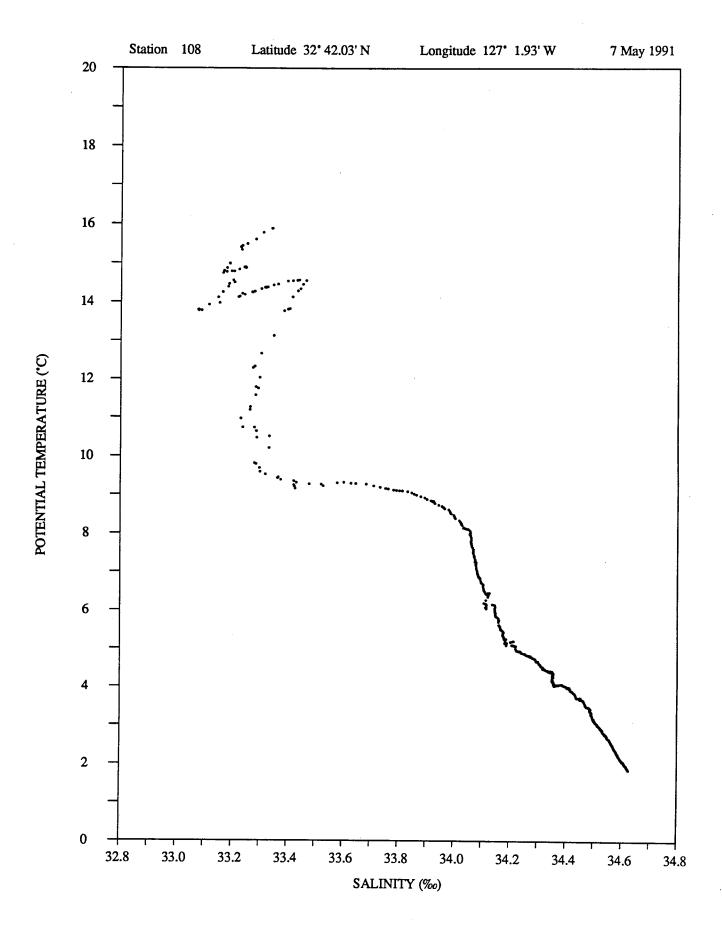


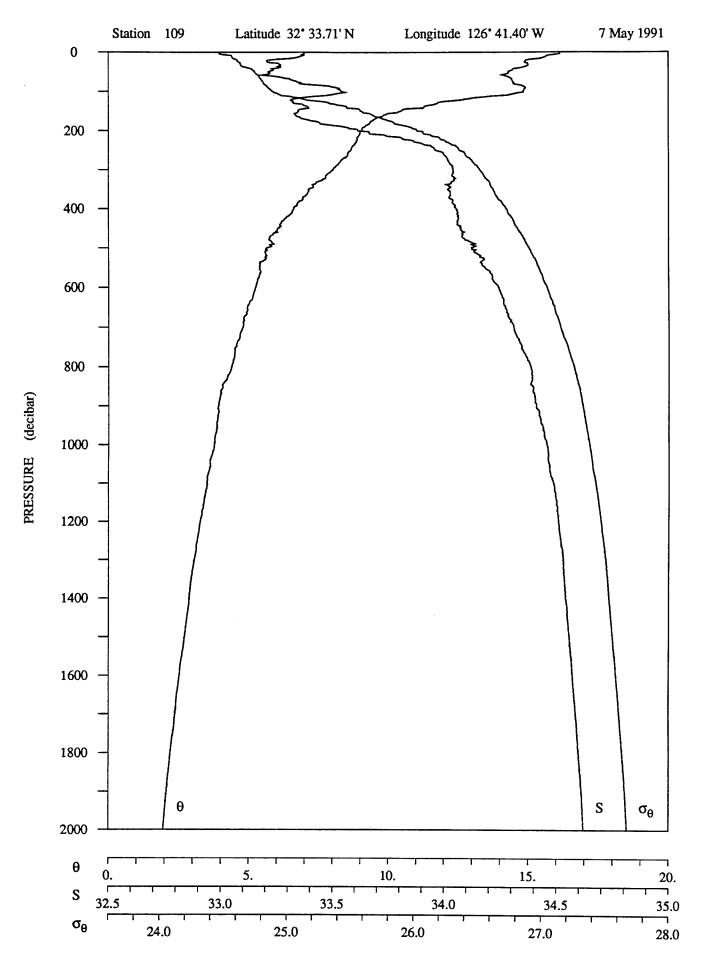


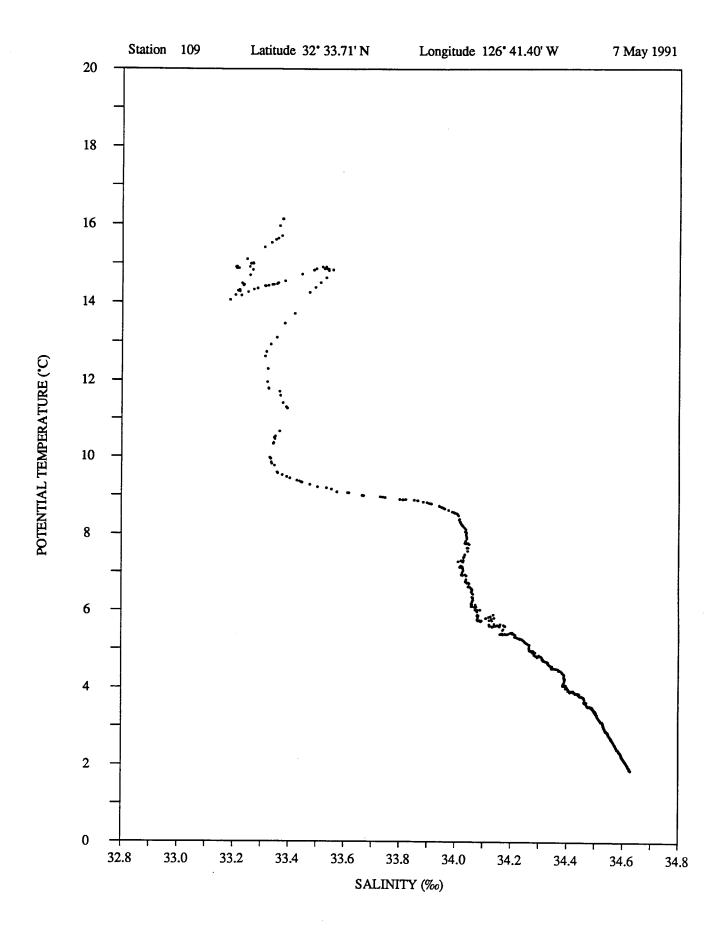


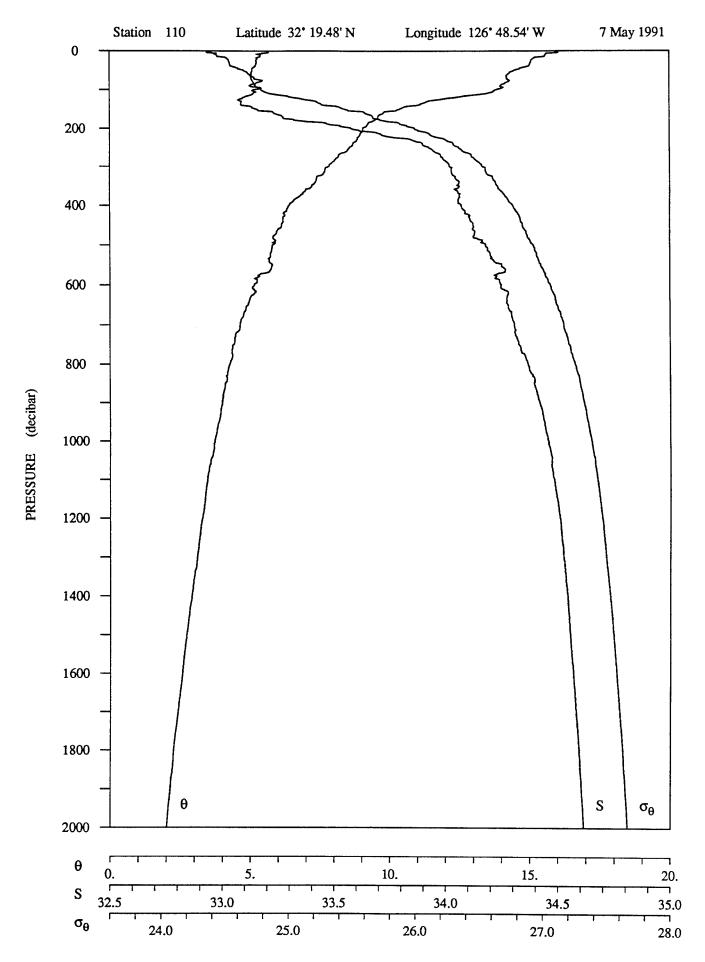


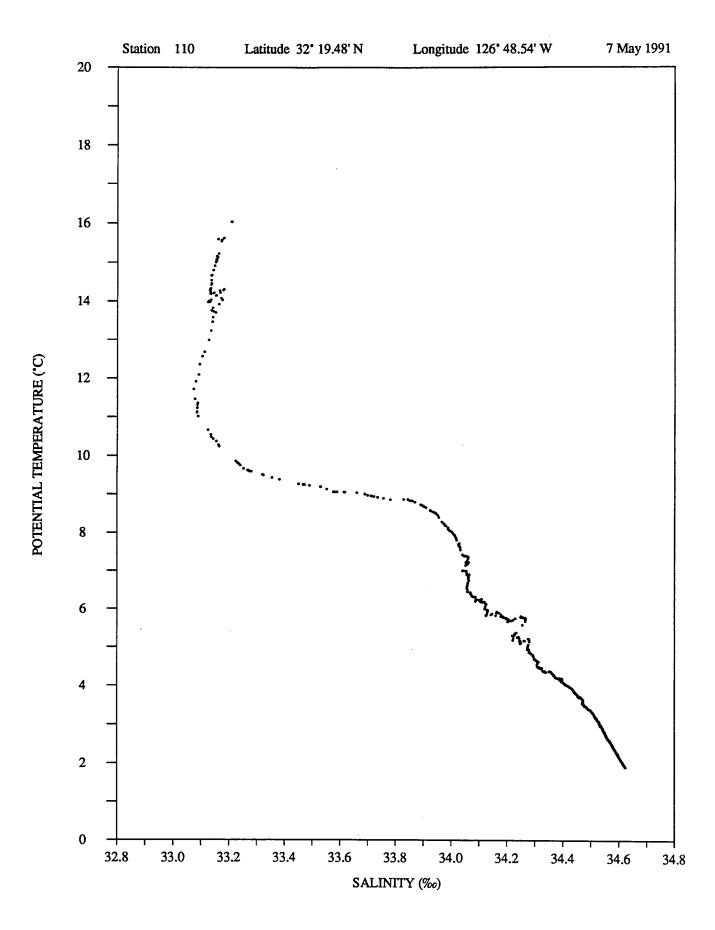


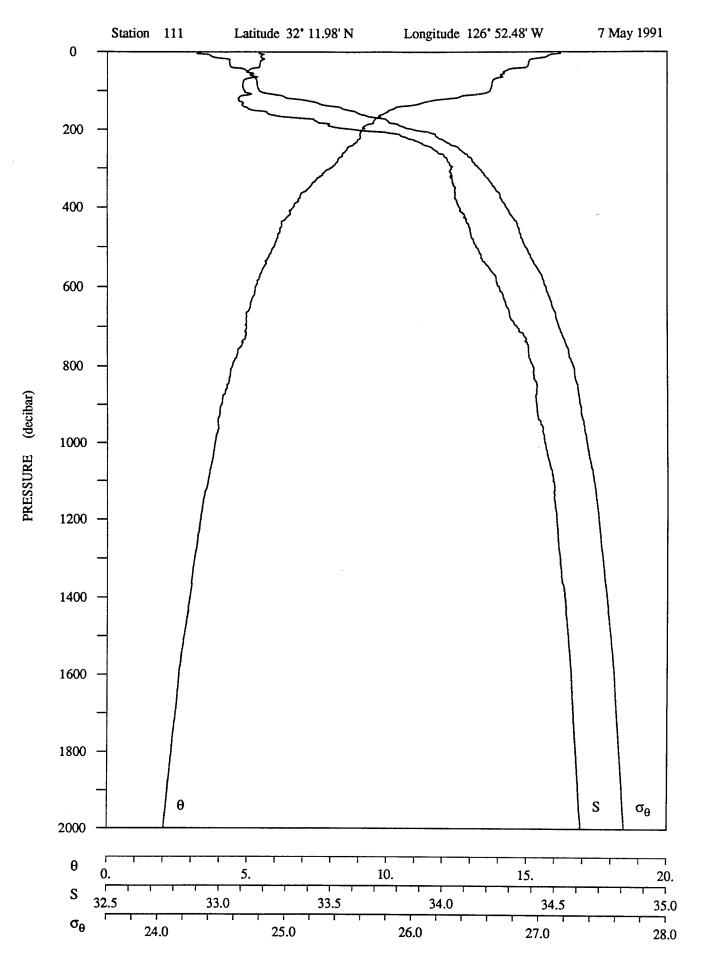


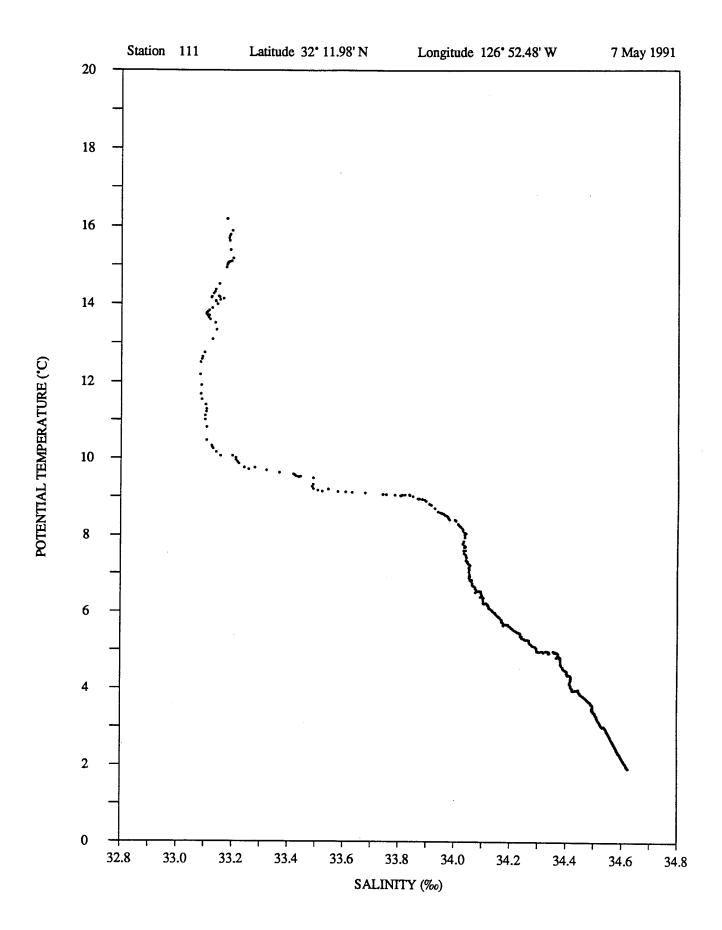


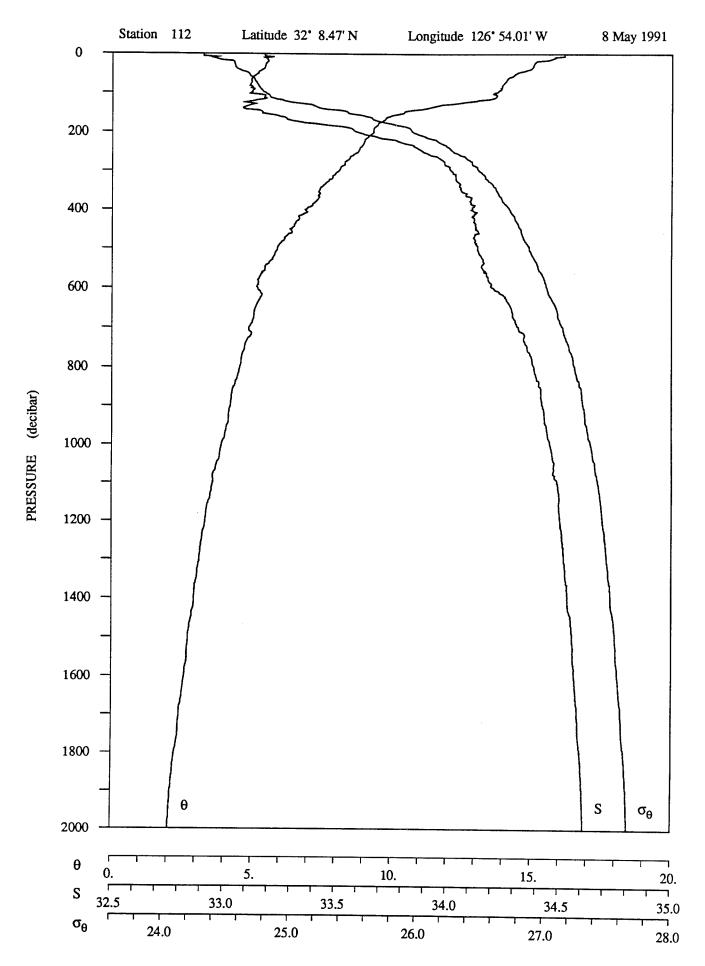


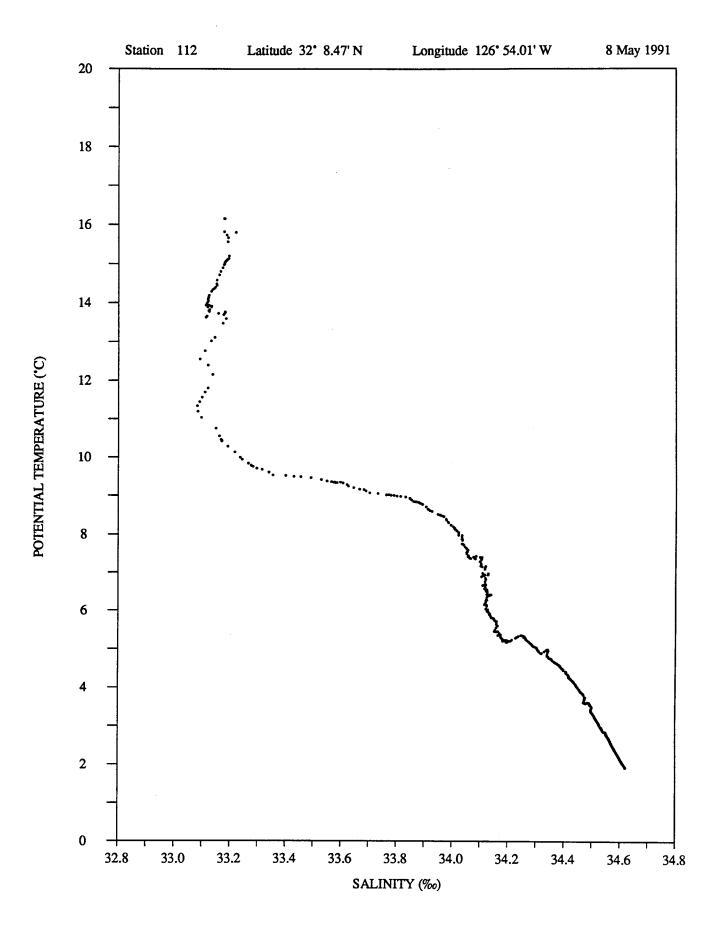


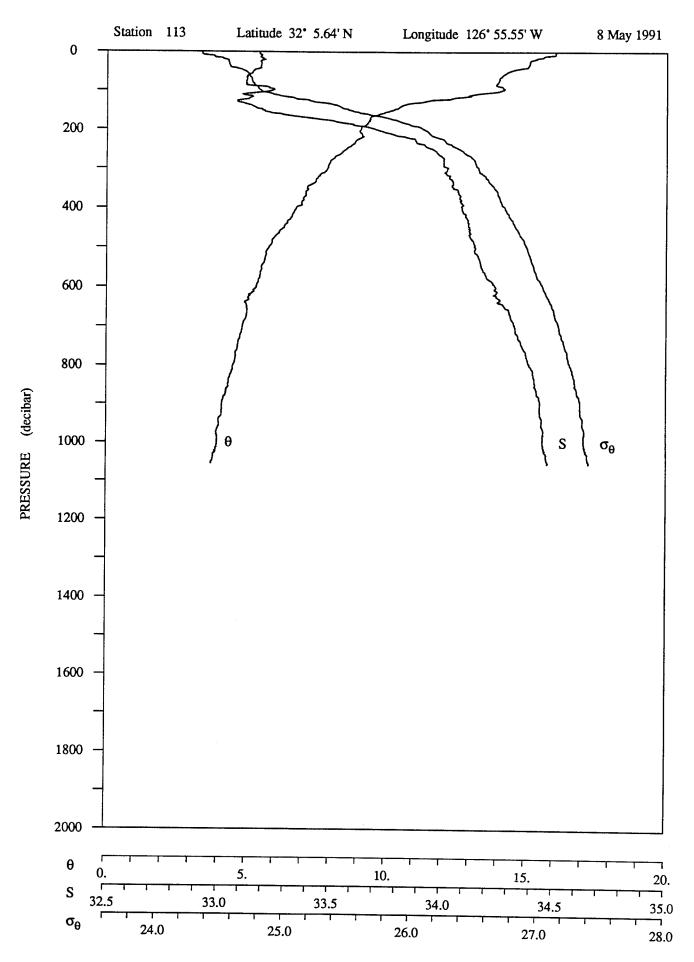


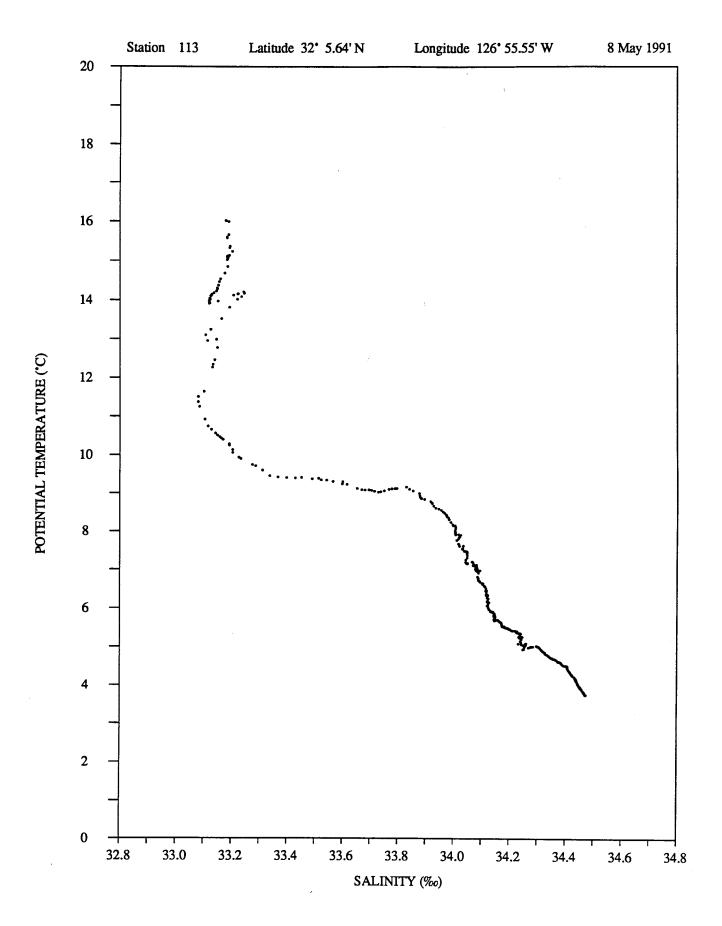


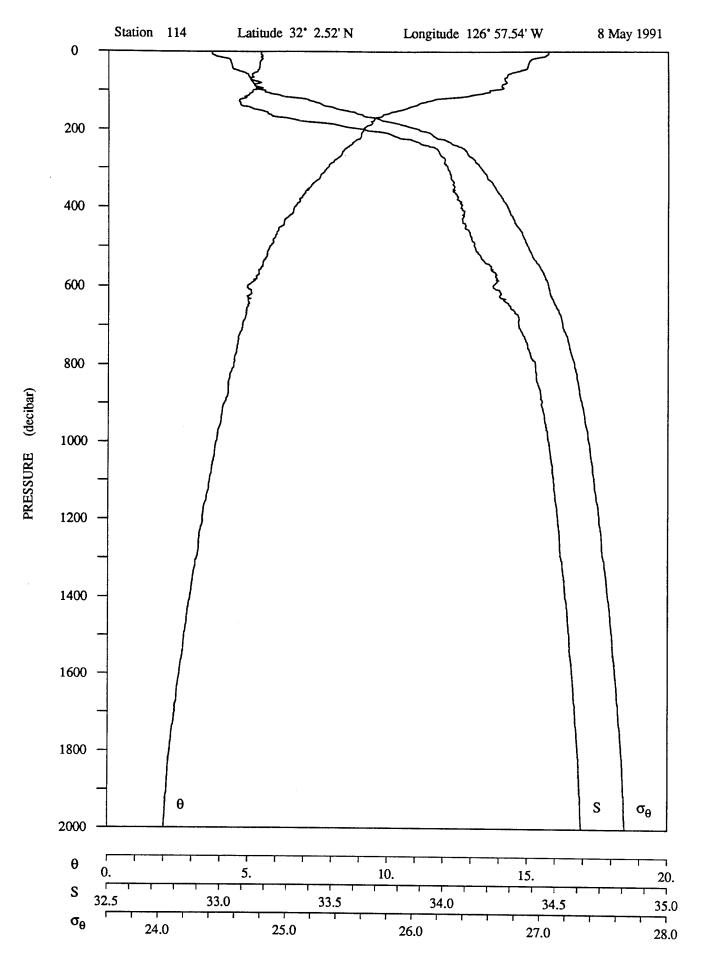


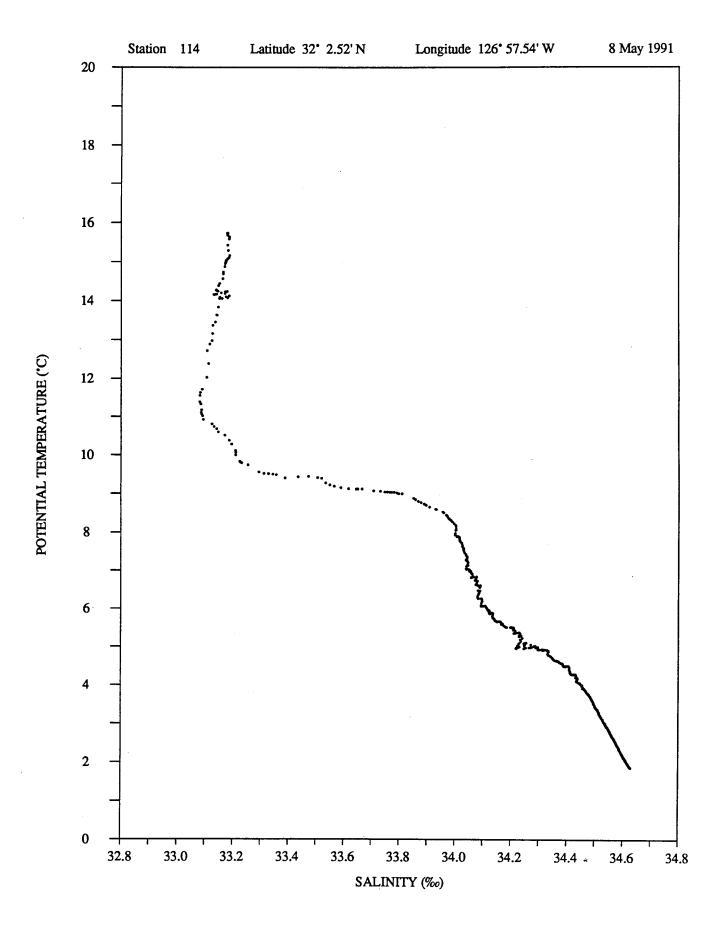


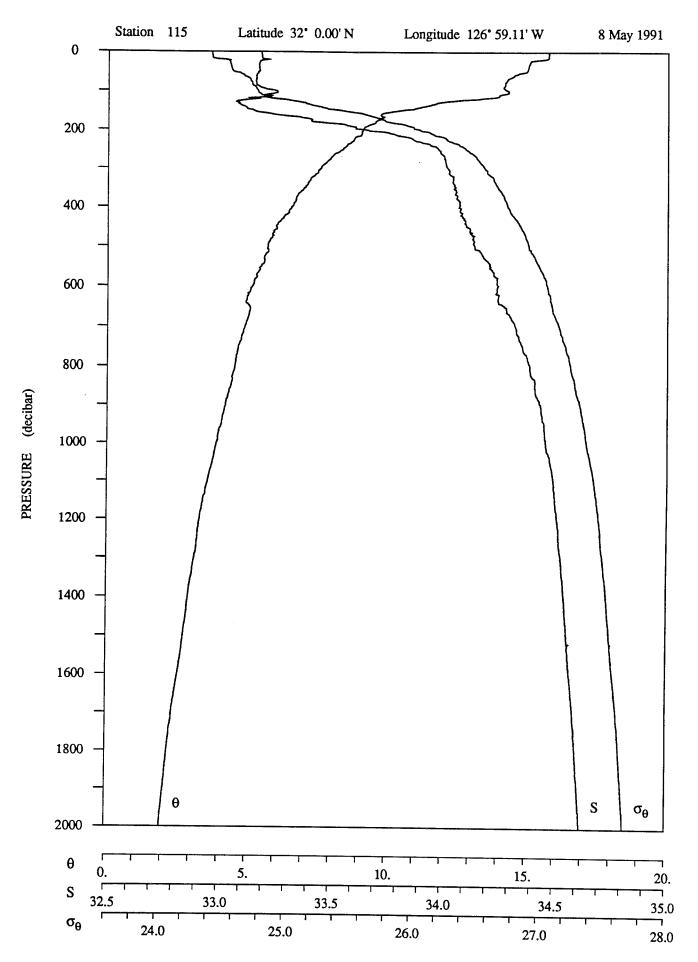


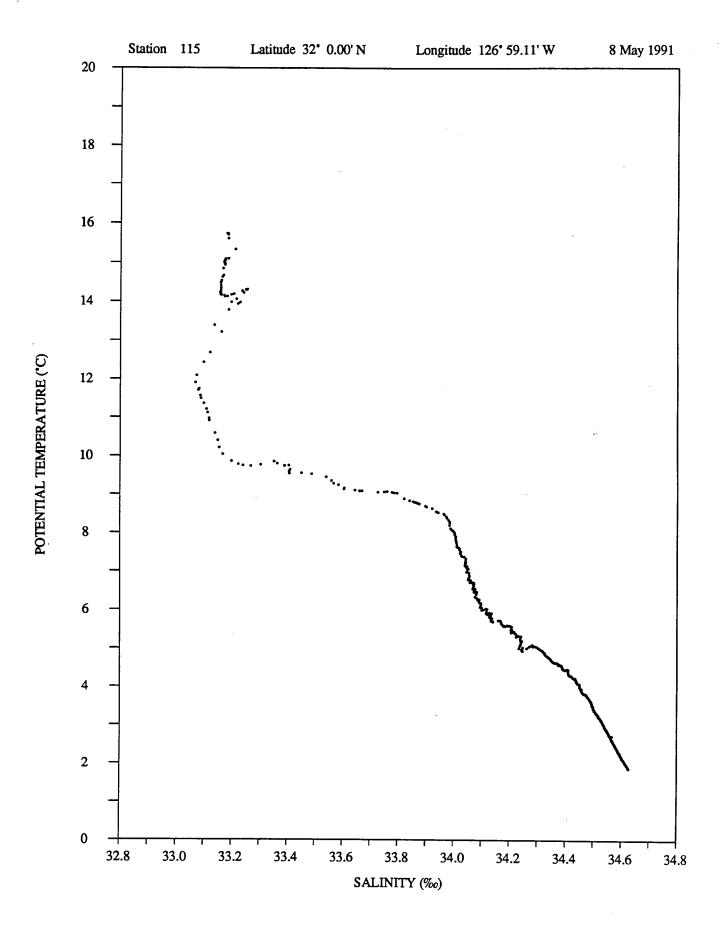


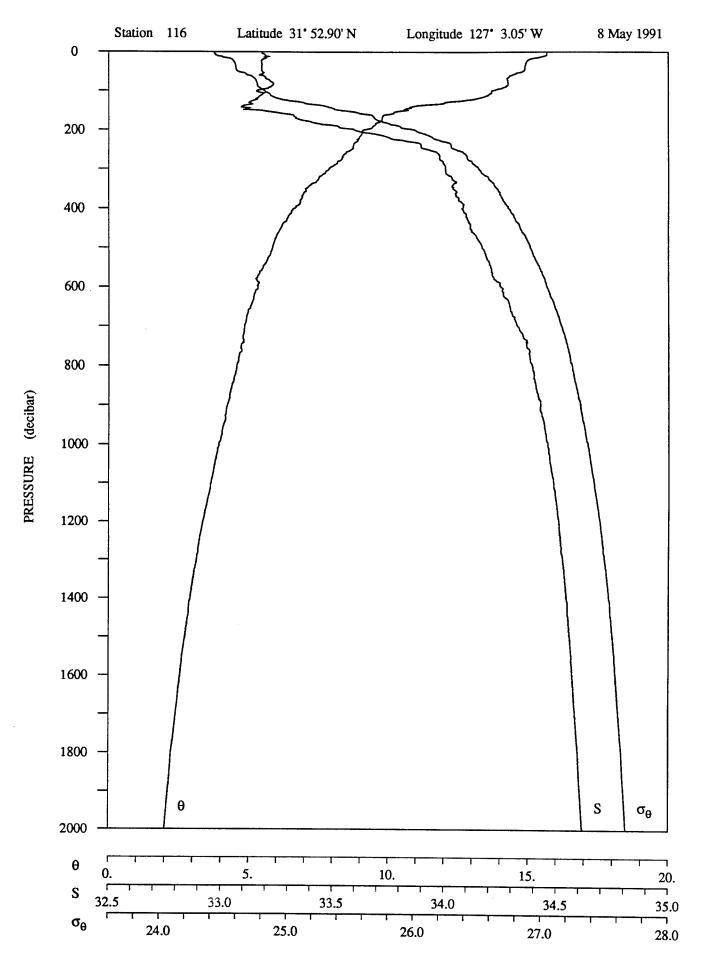


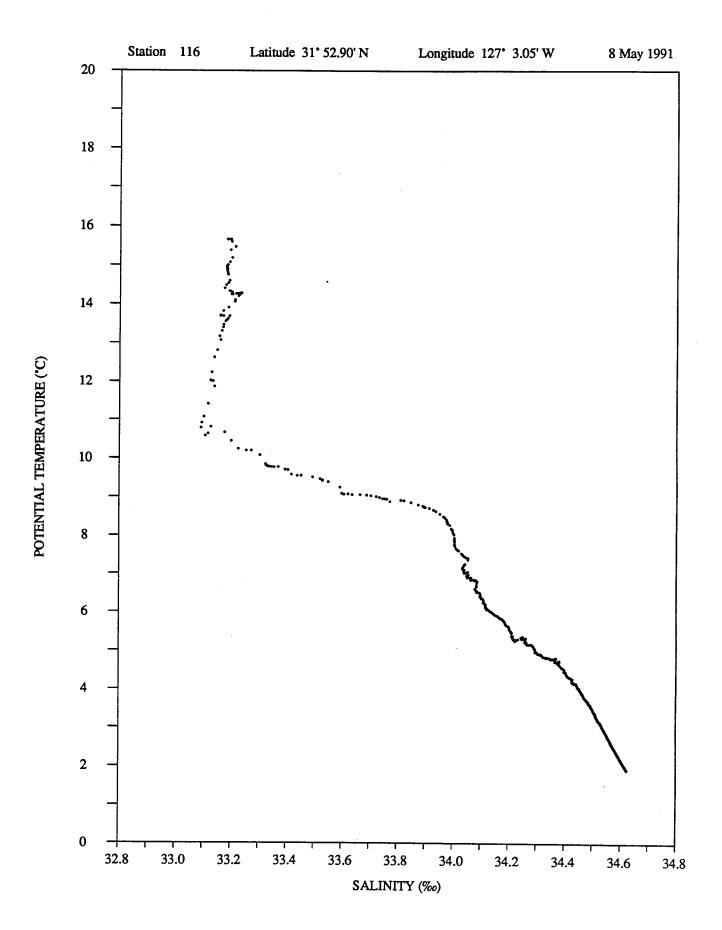


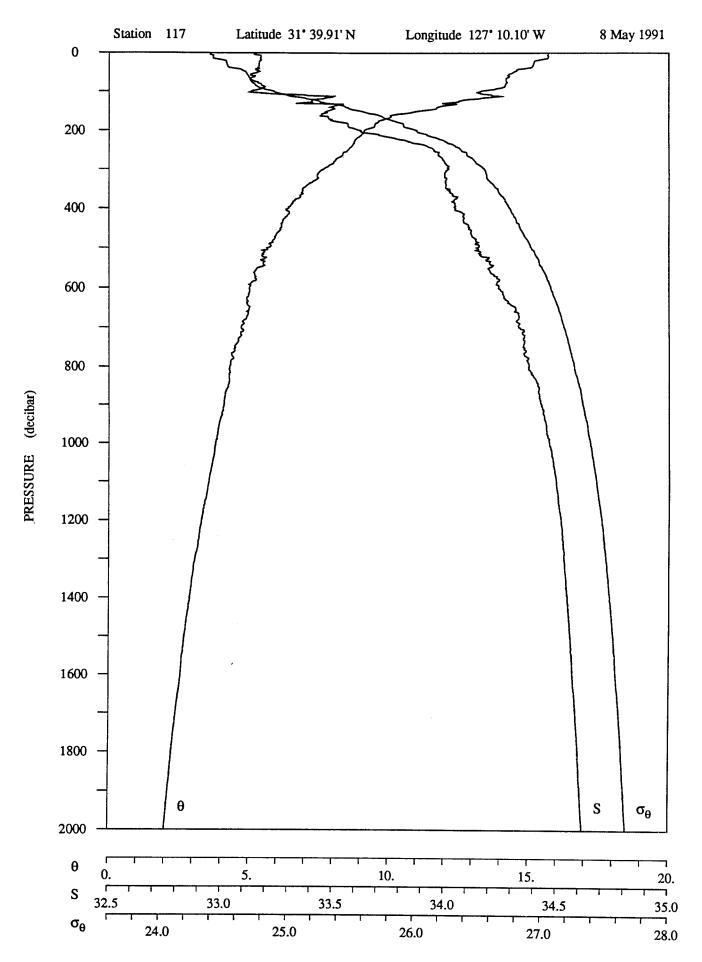


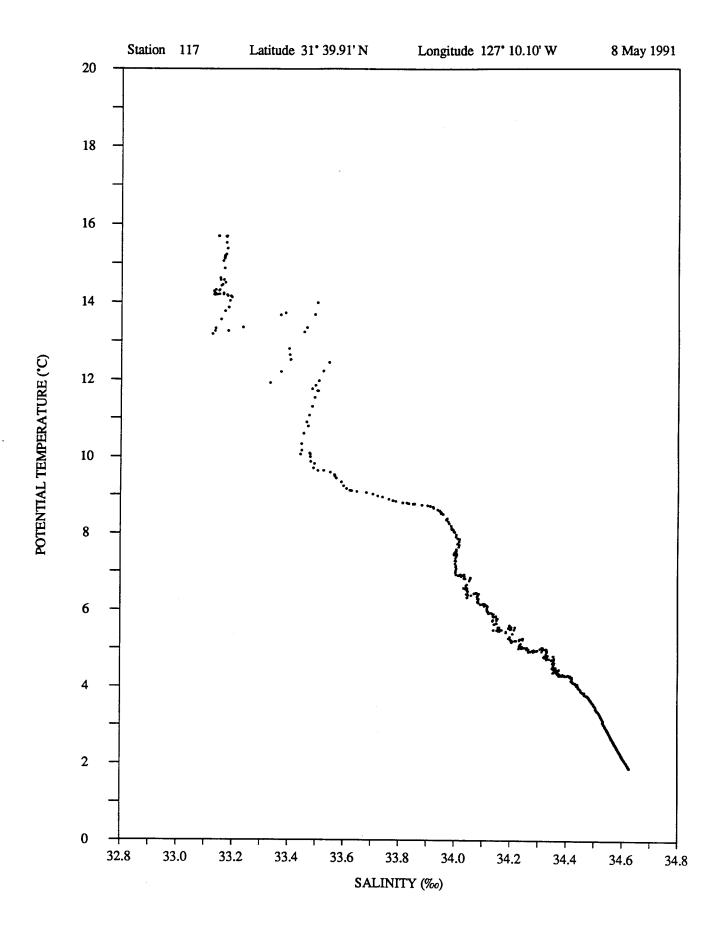


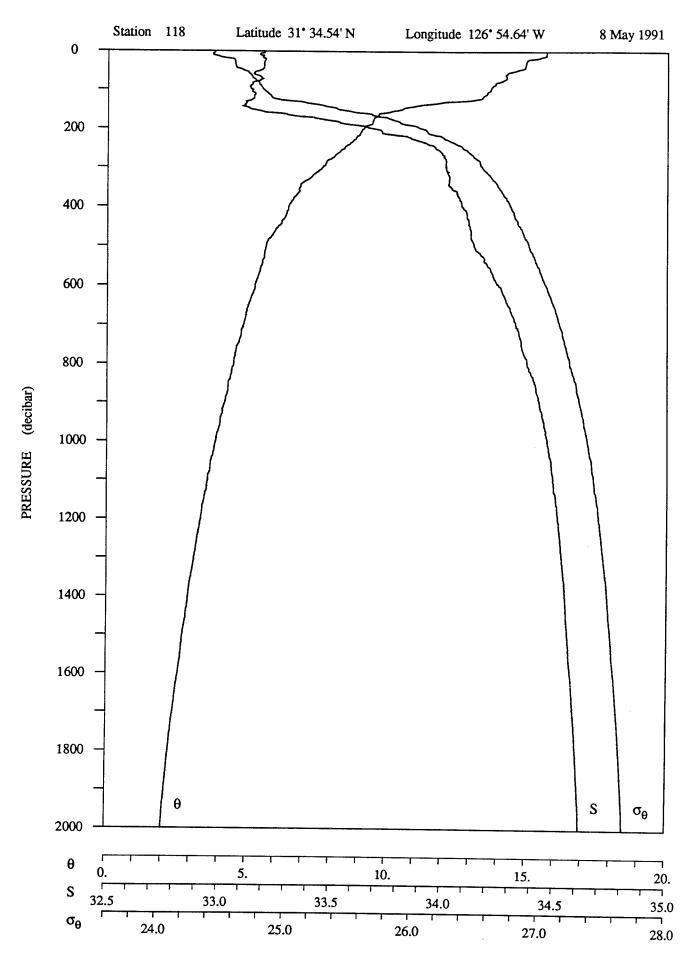


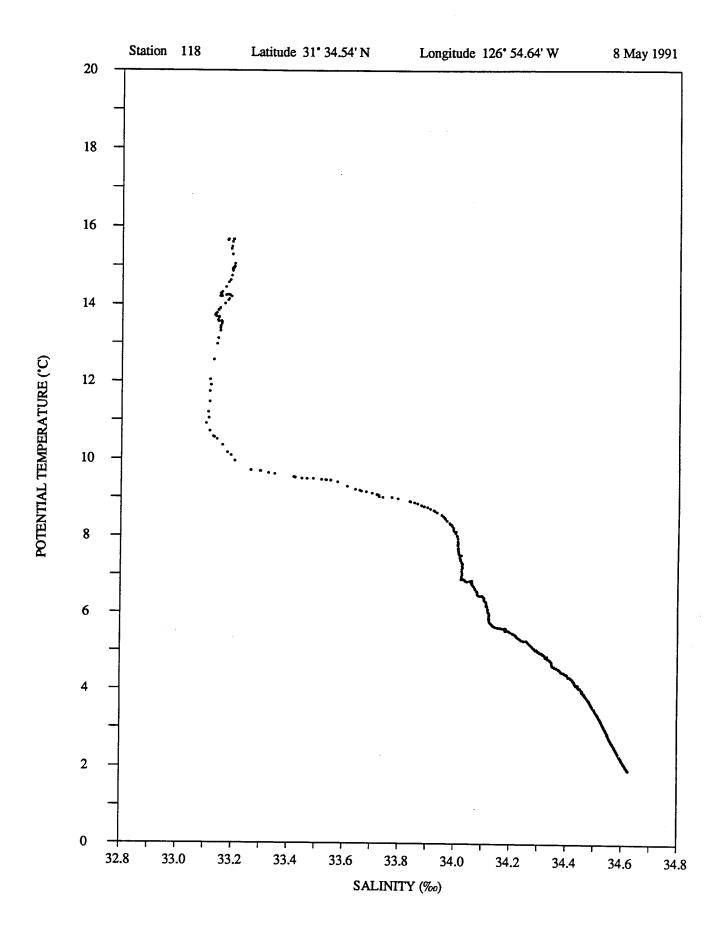


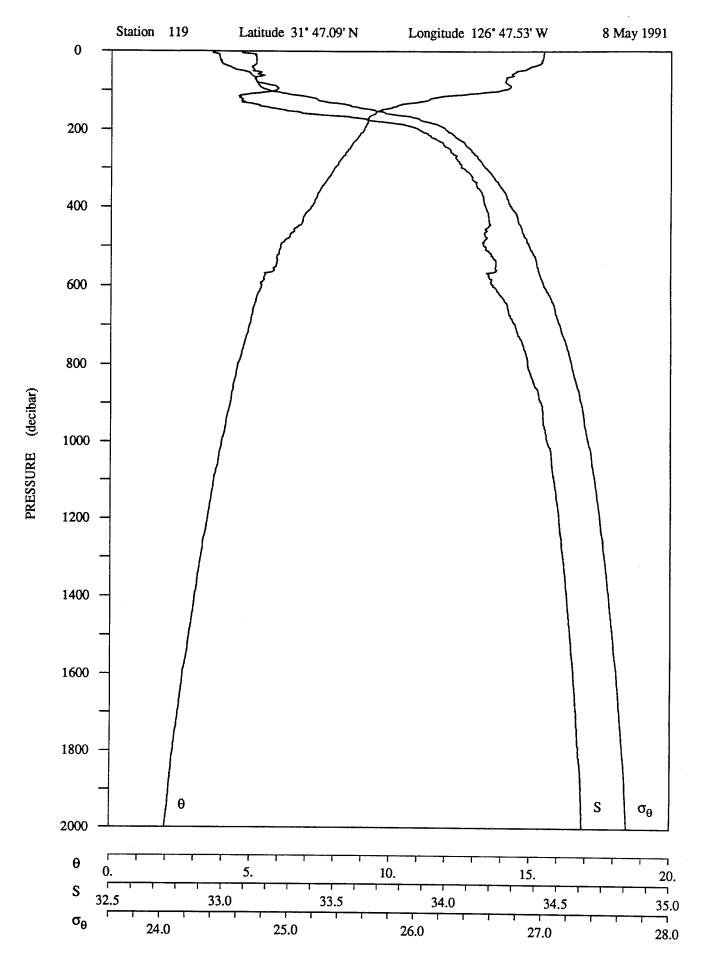


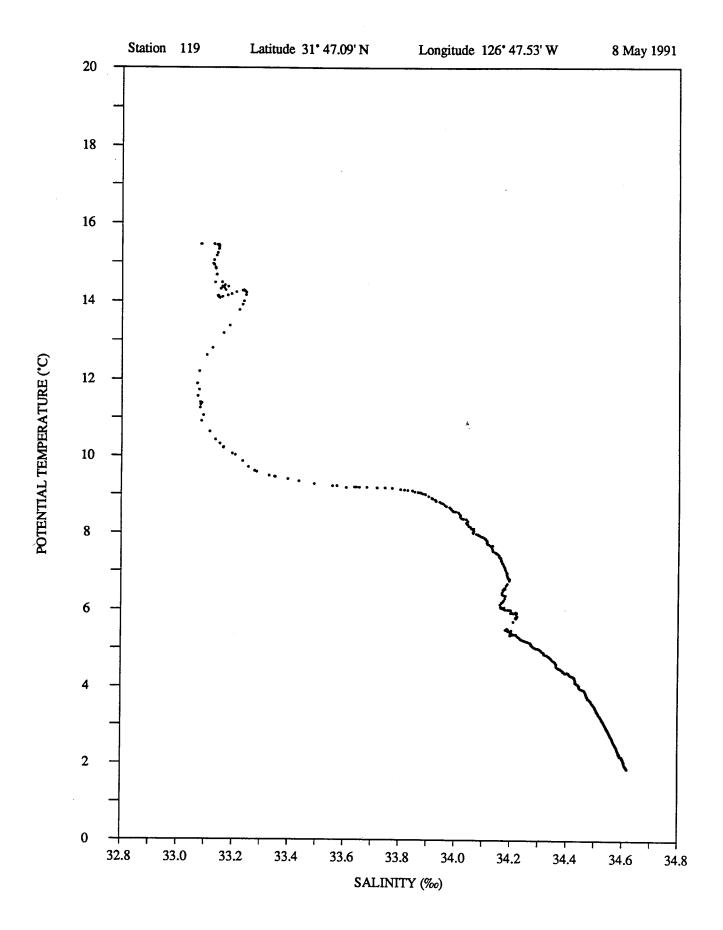


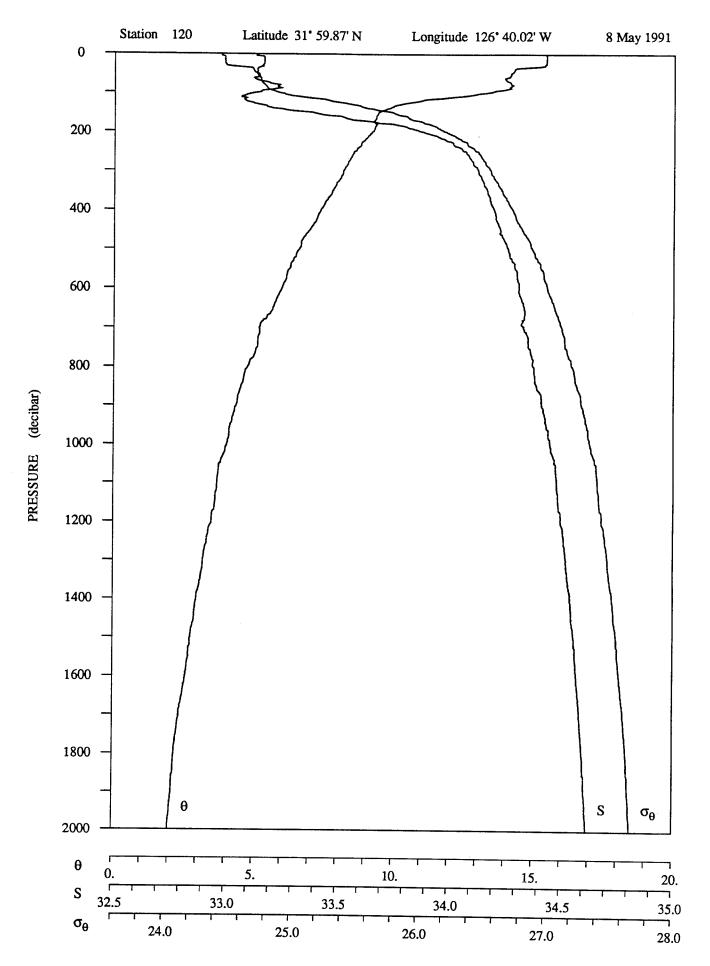


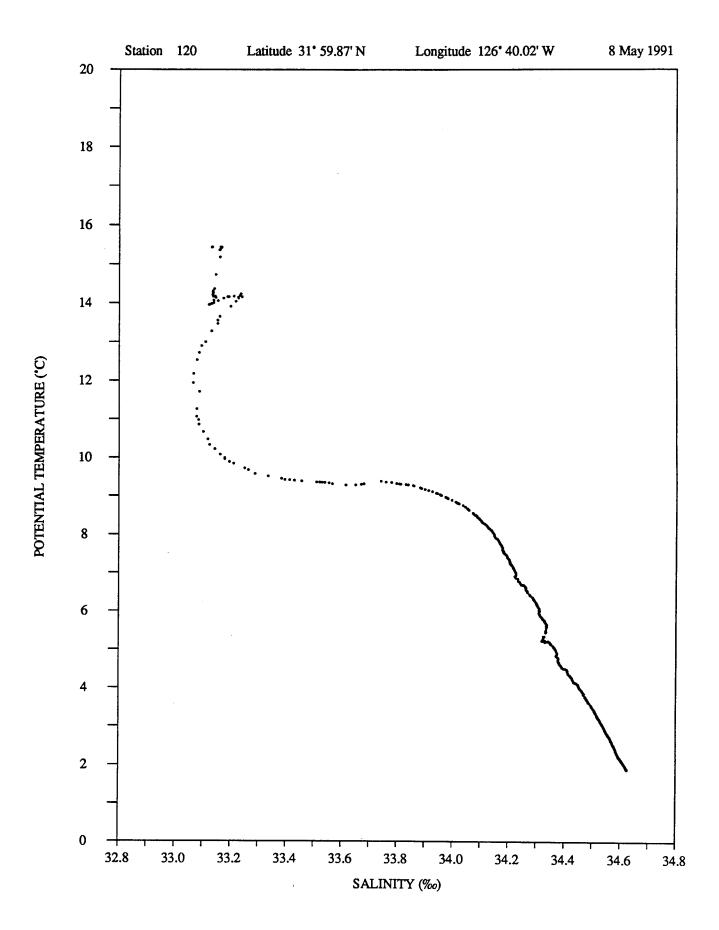


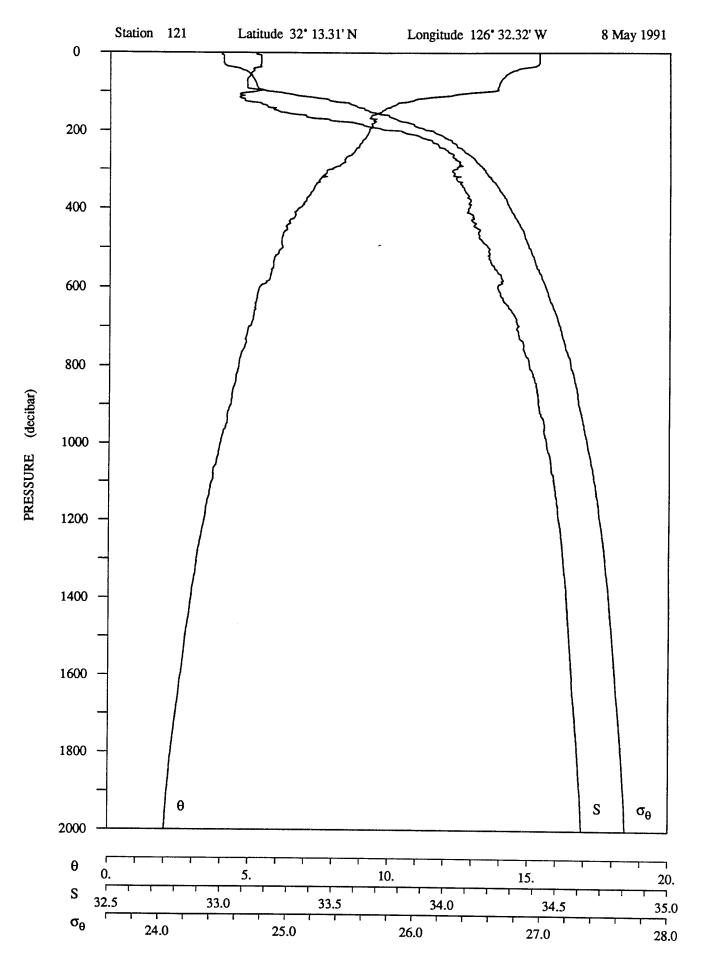


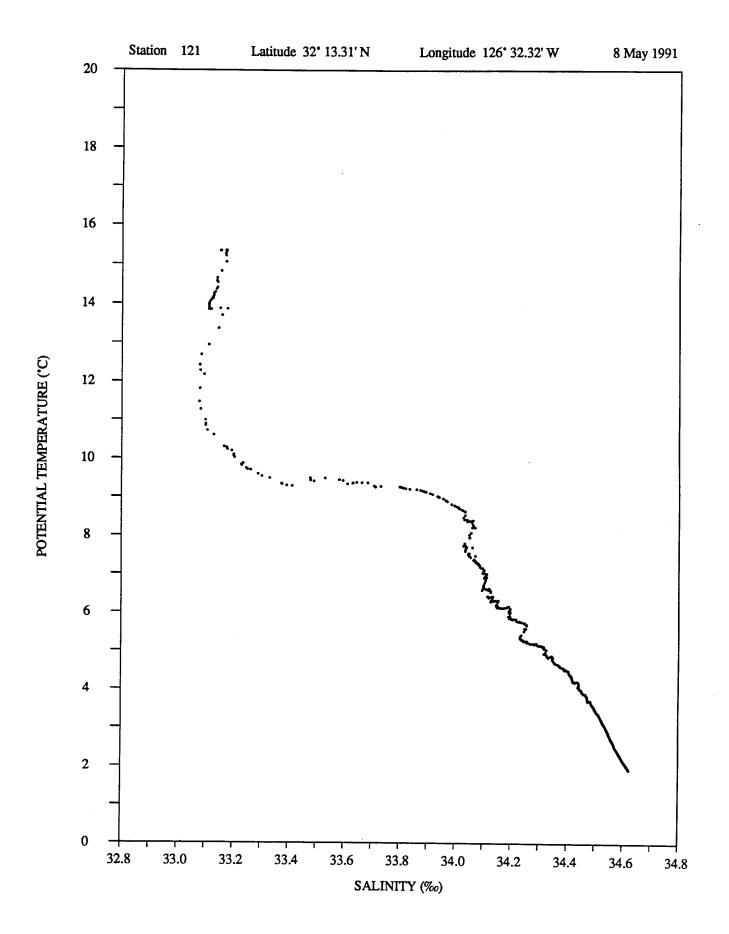


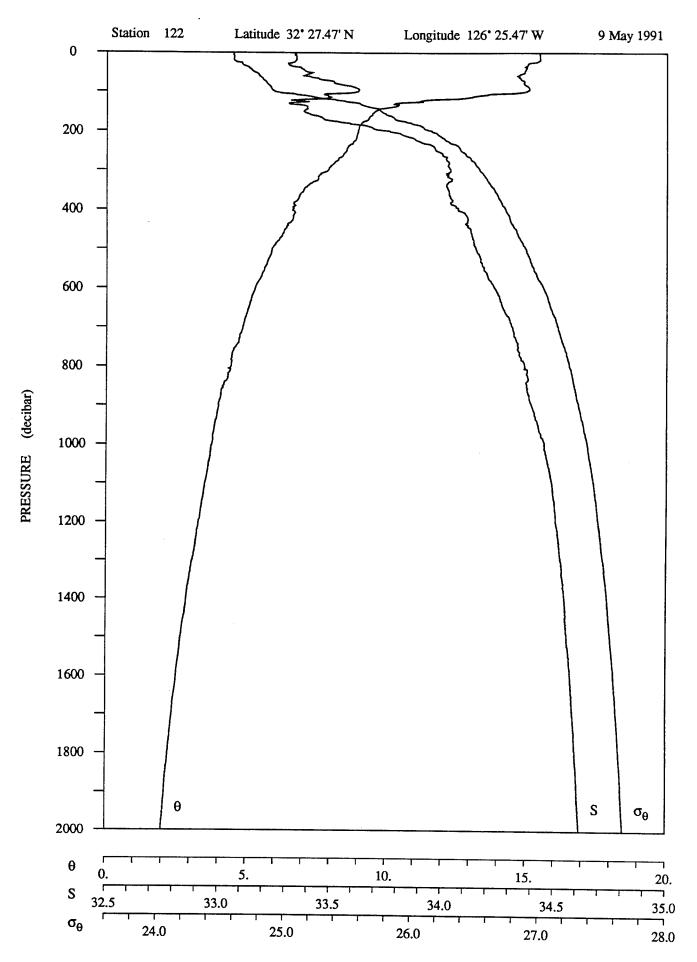


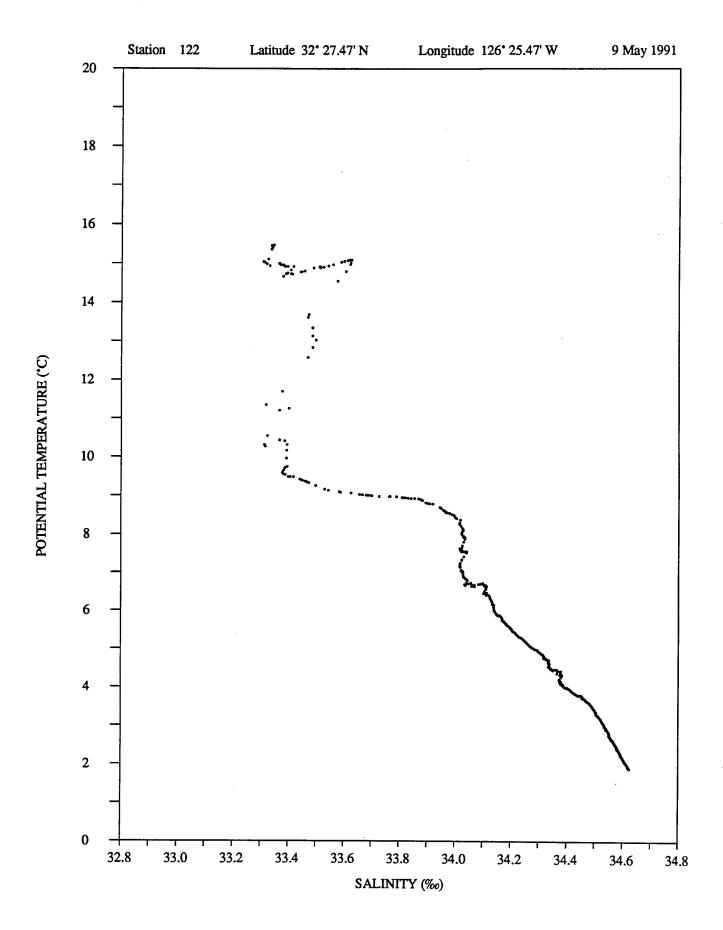


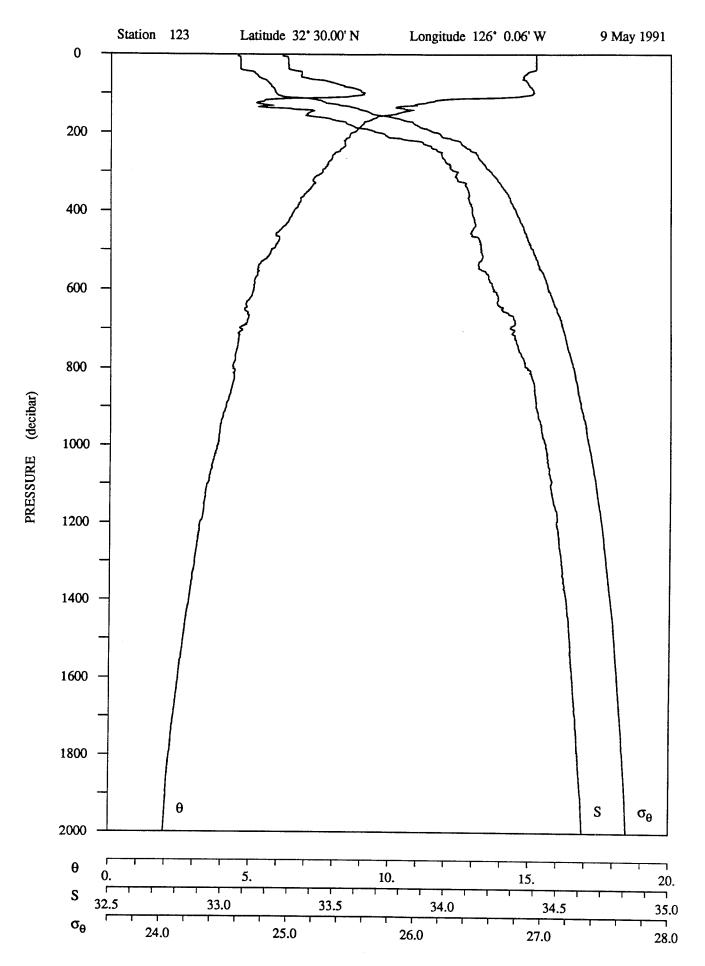


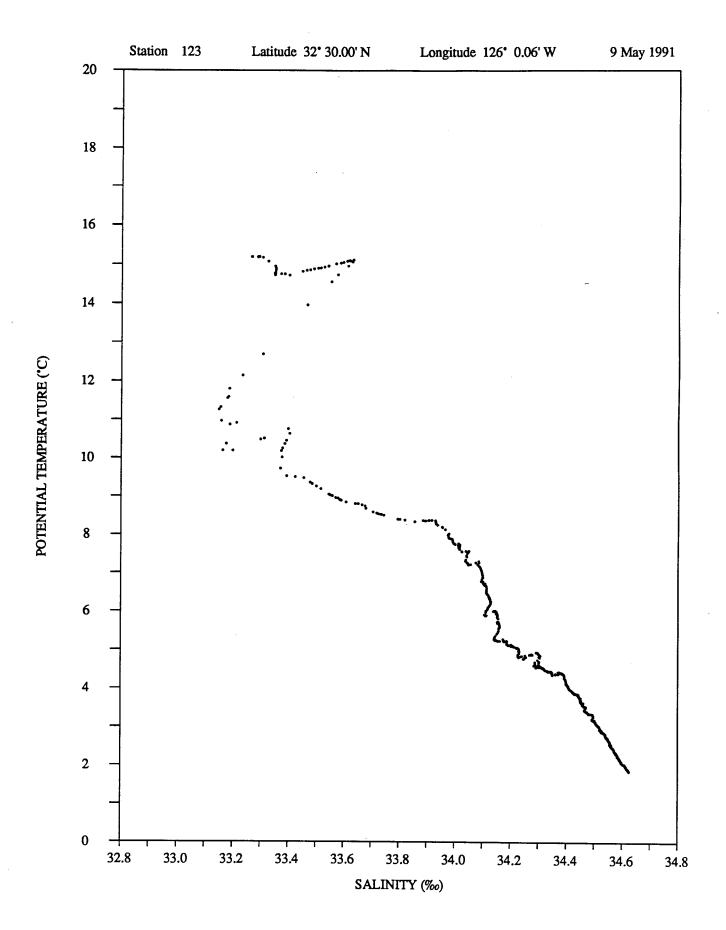




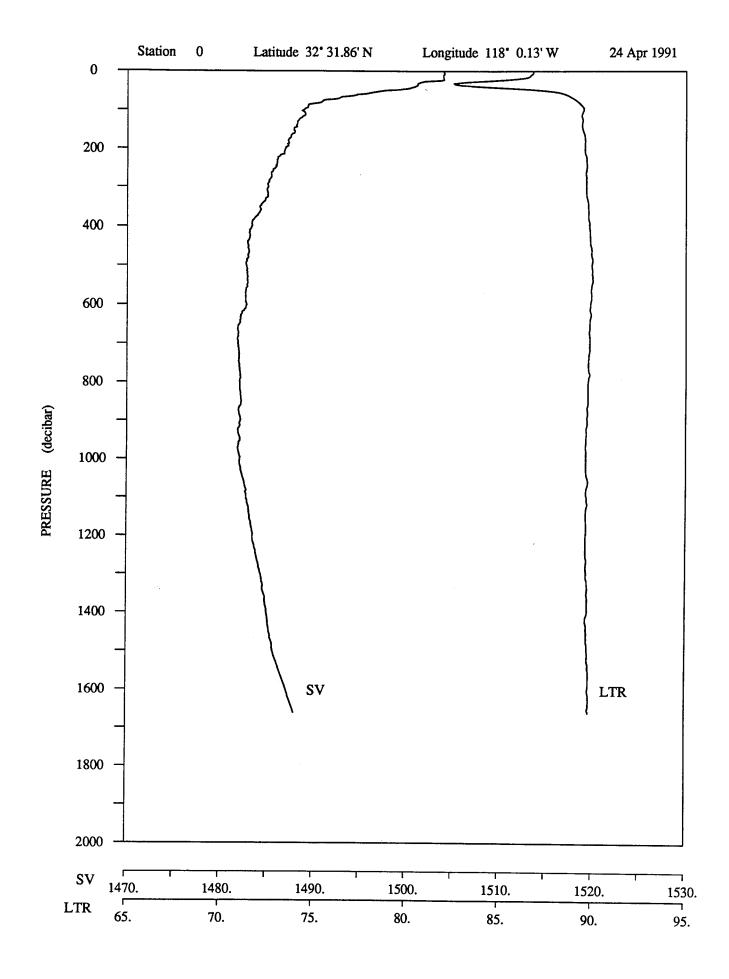


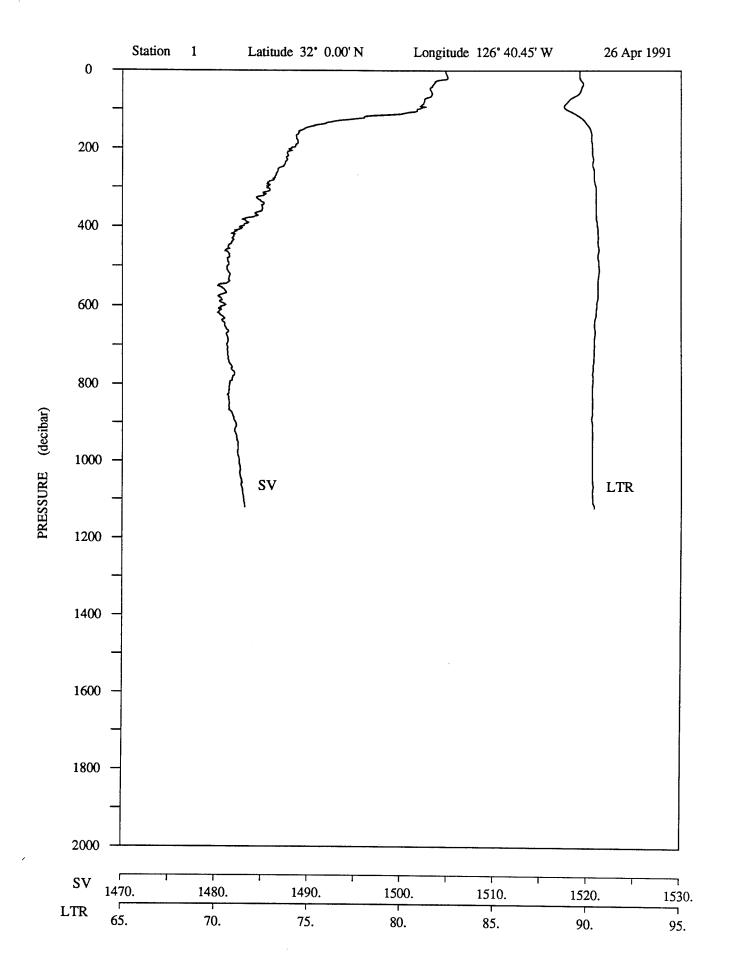


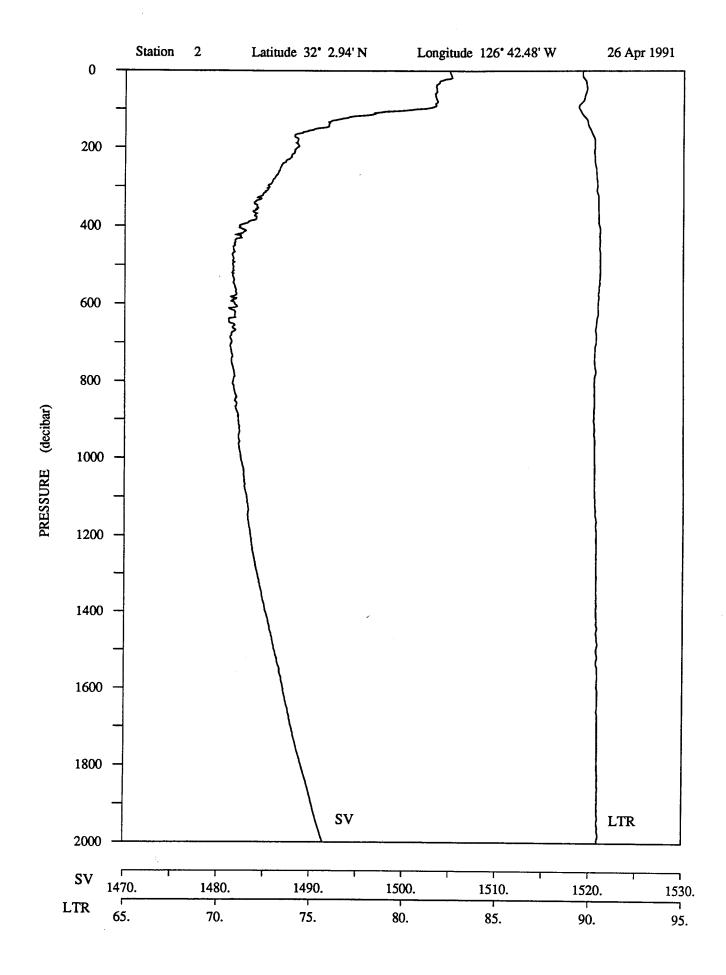


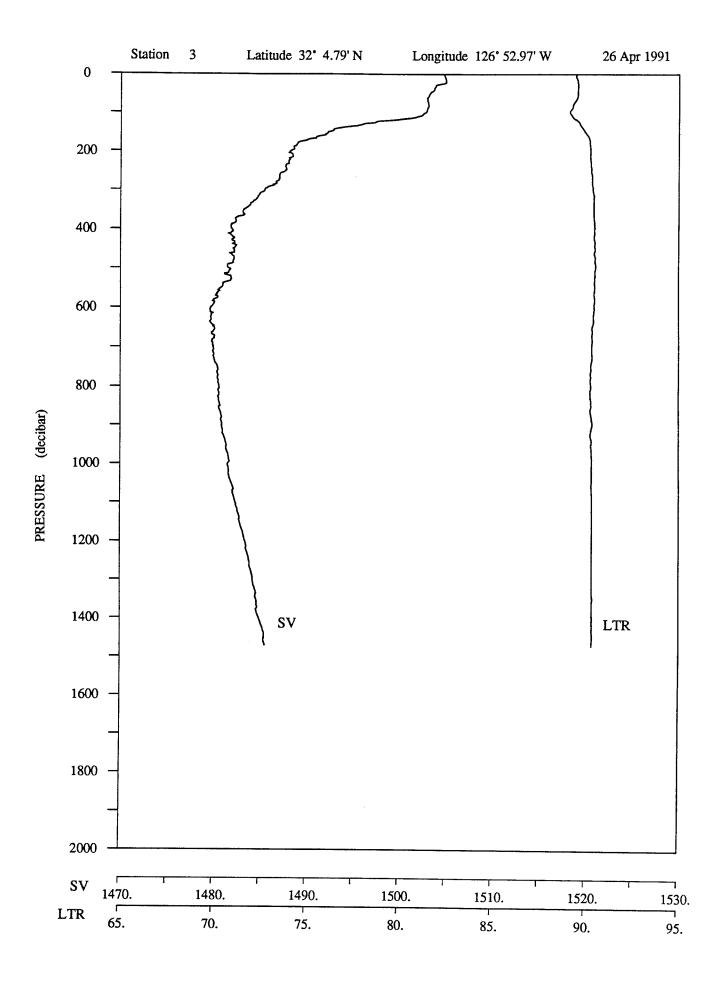


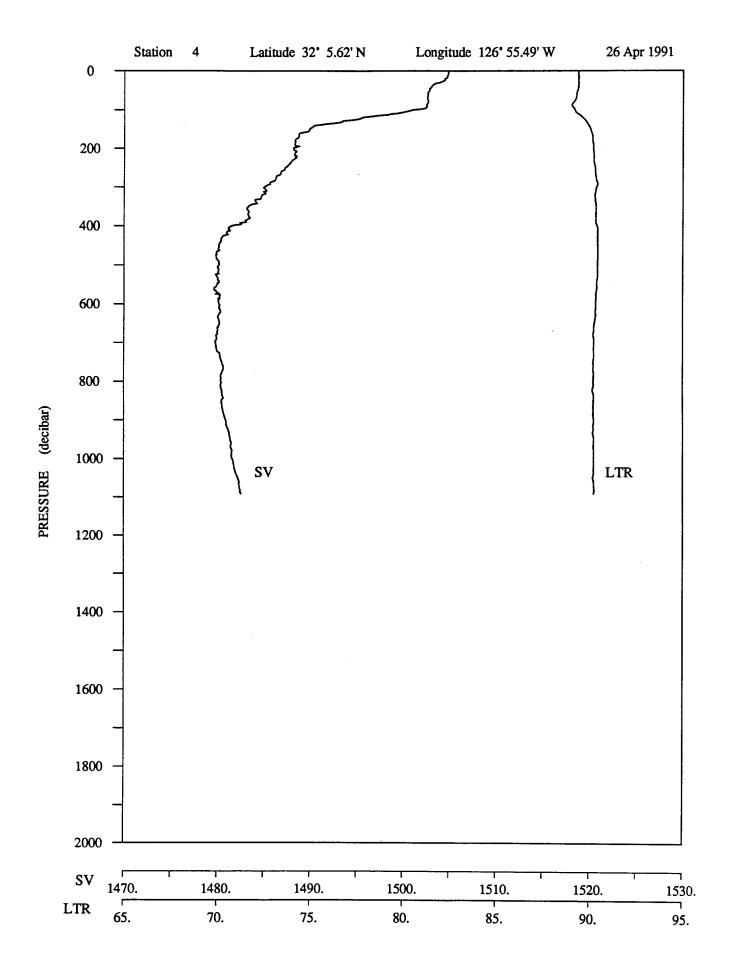
Sound Speed Light Transmission Profiles

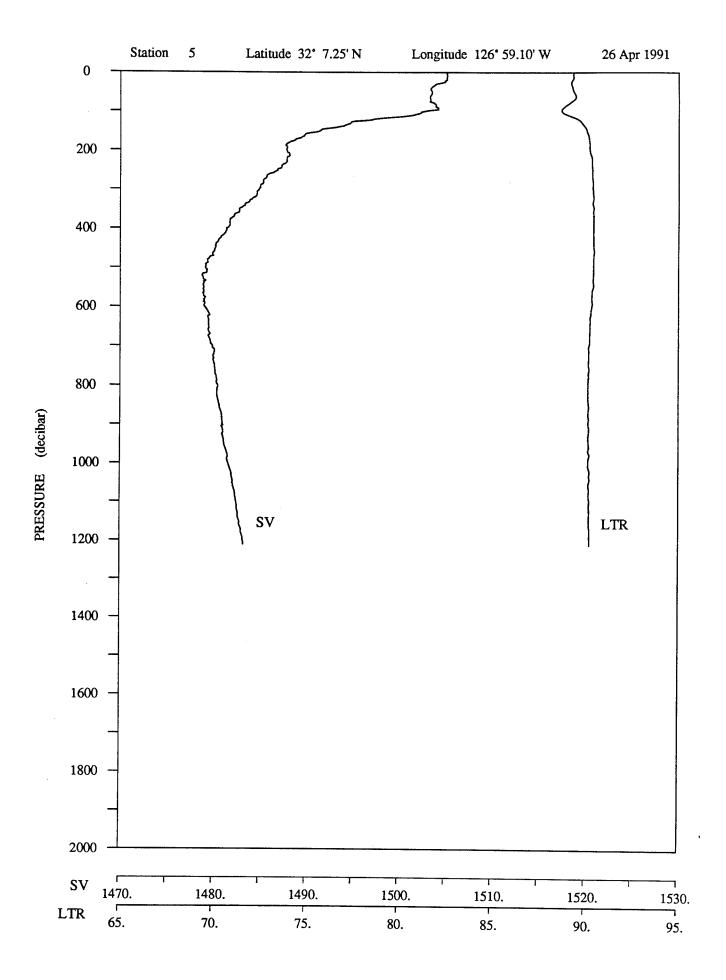


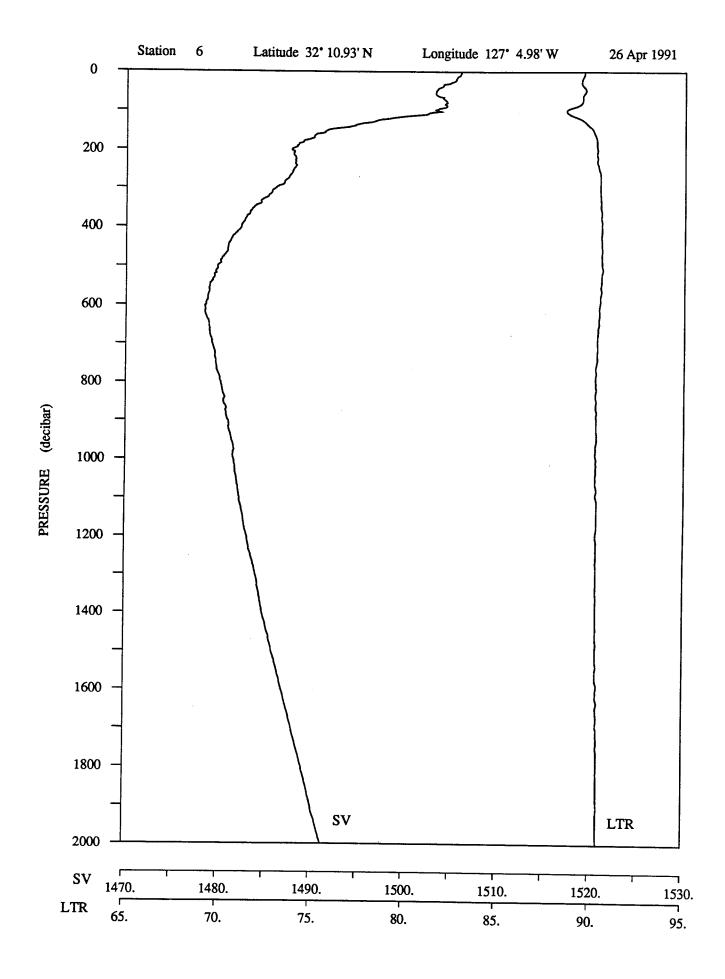


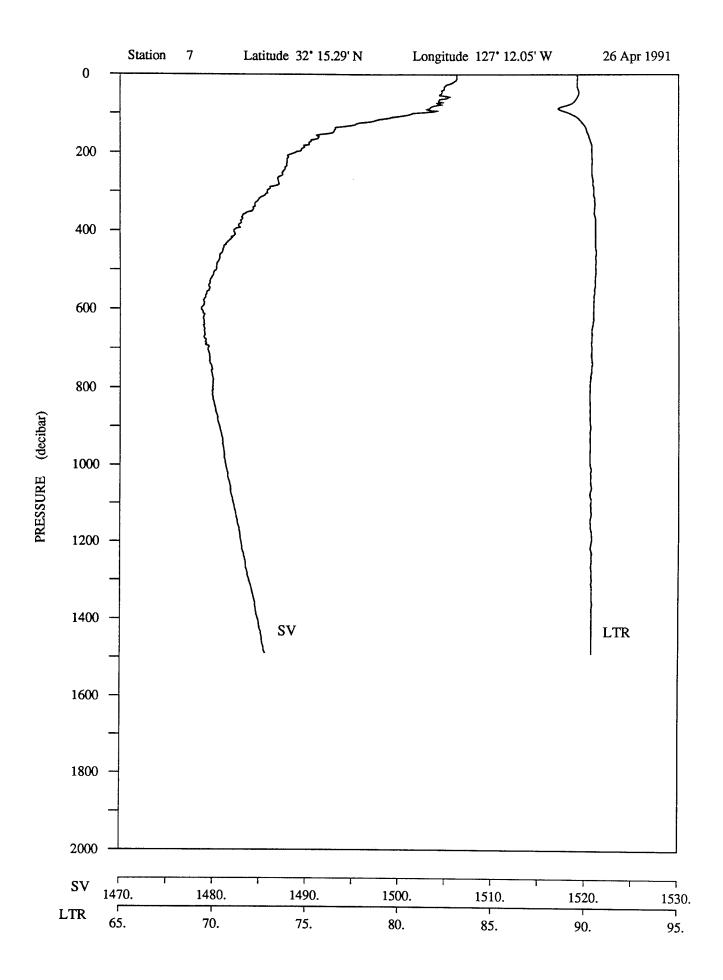


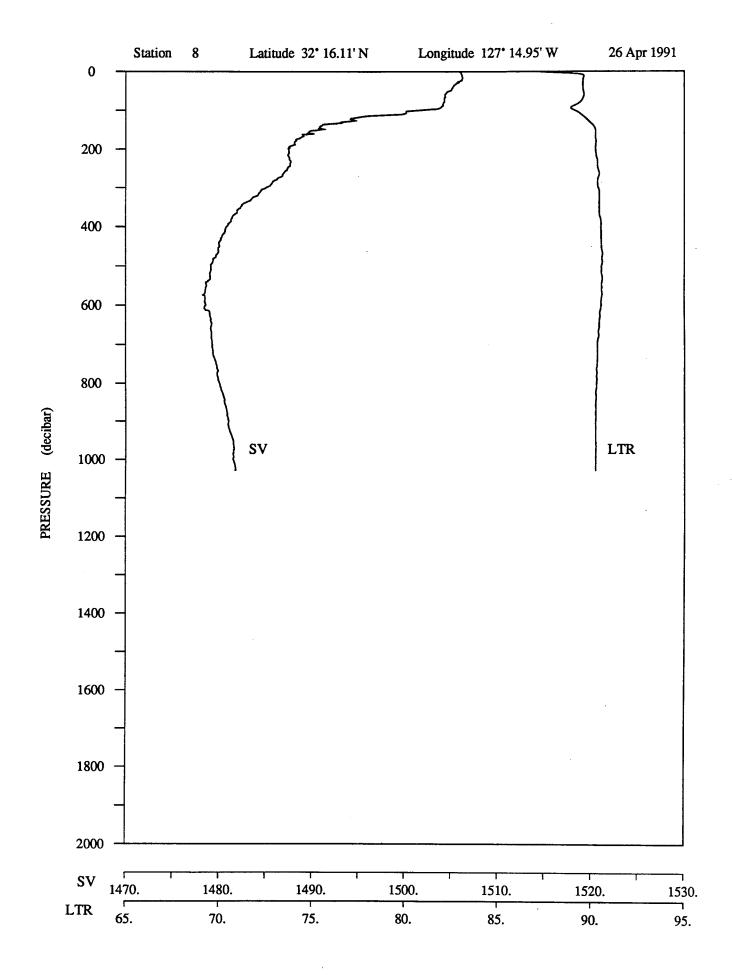


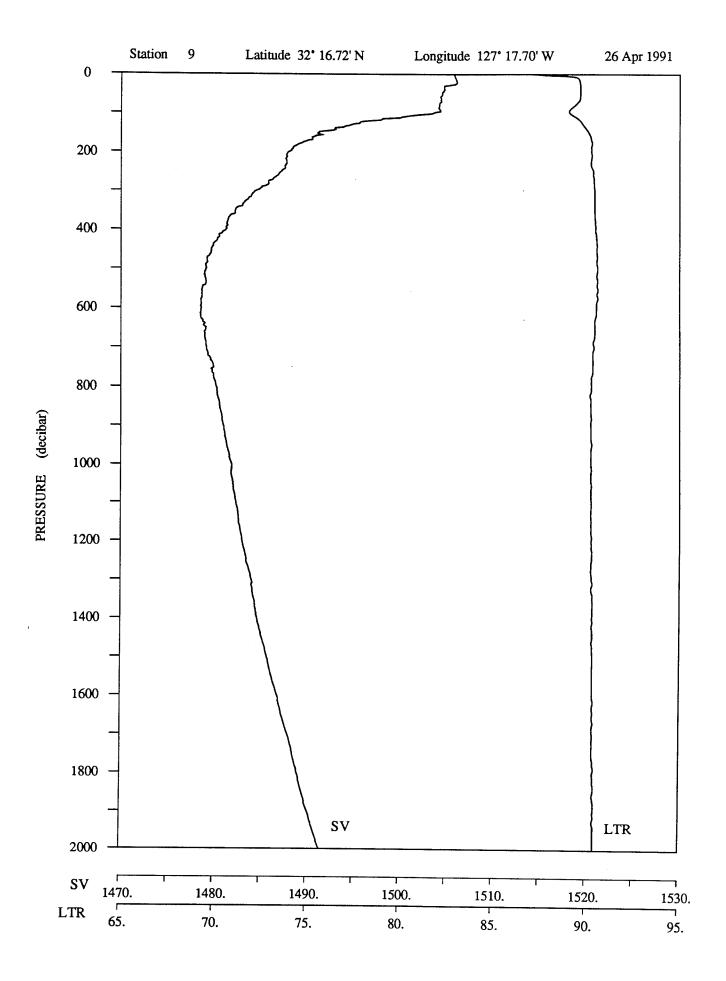


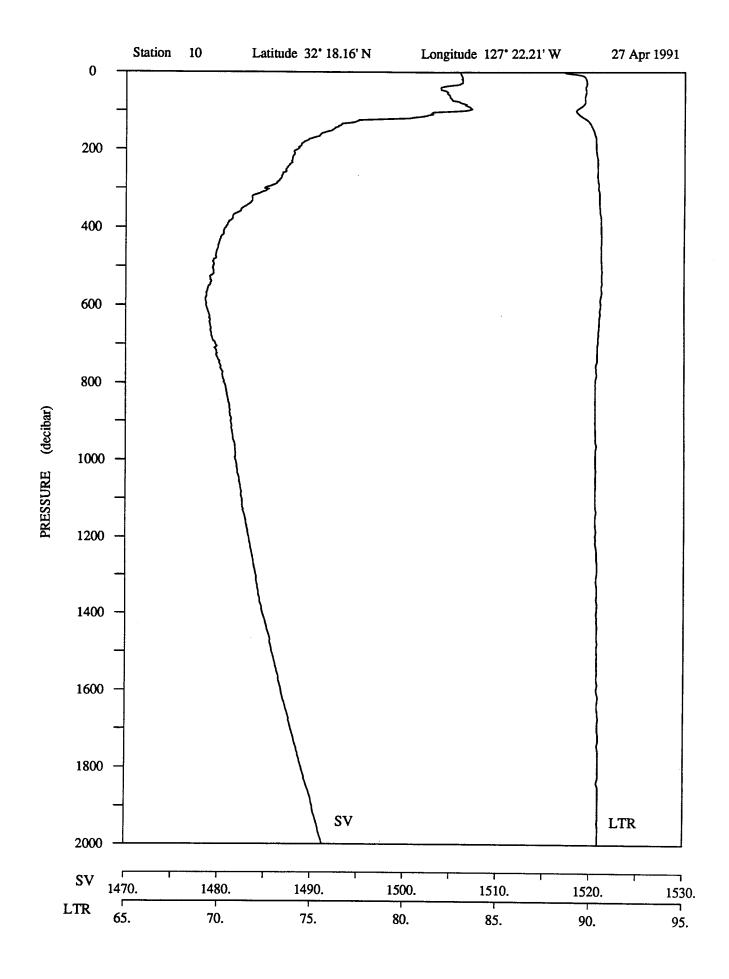


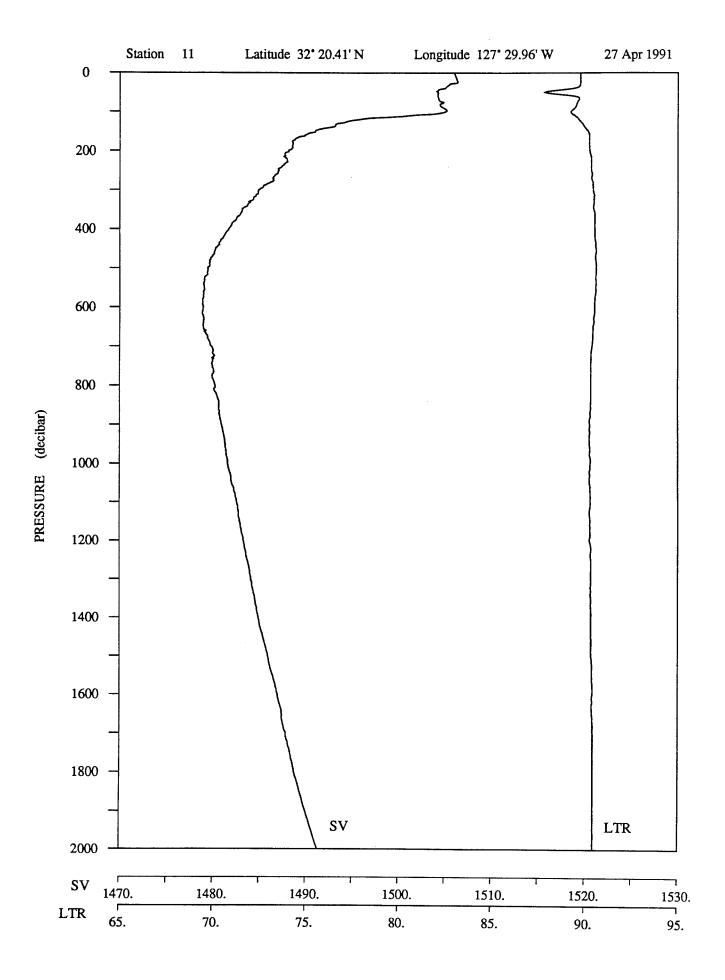


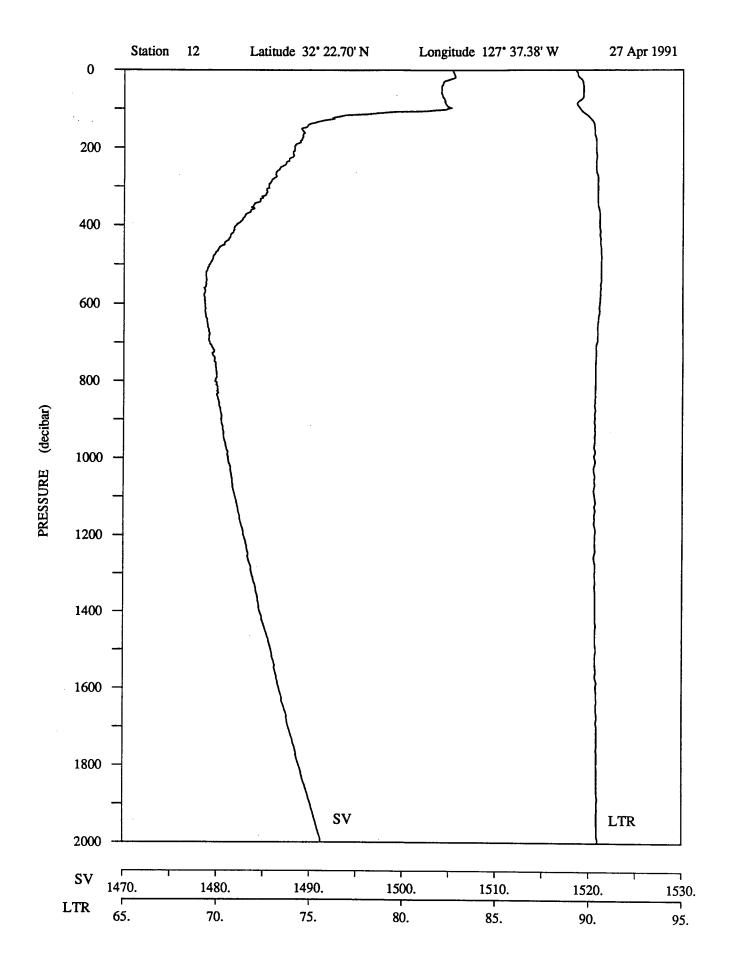


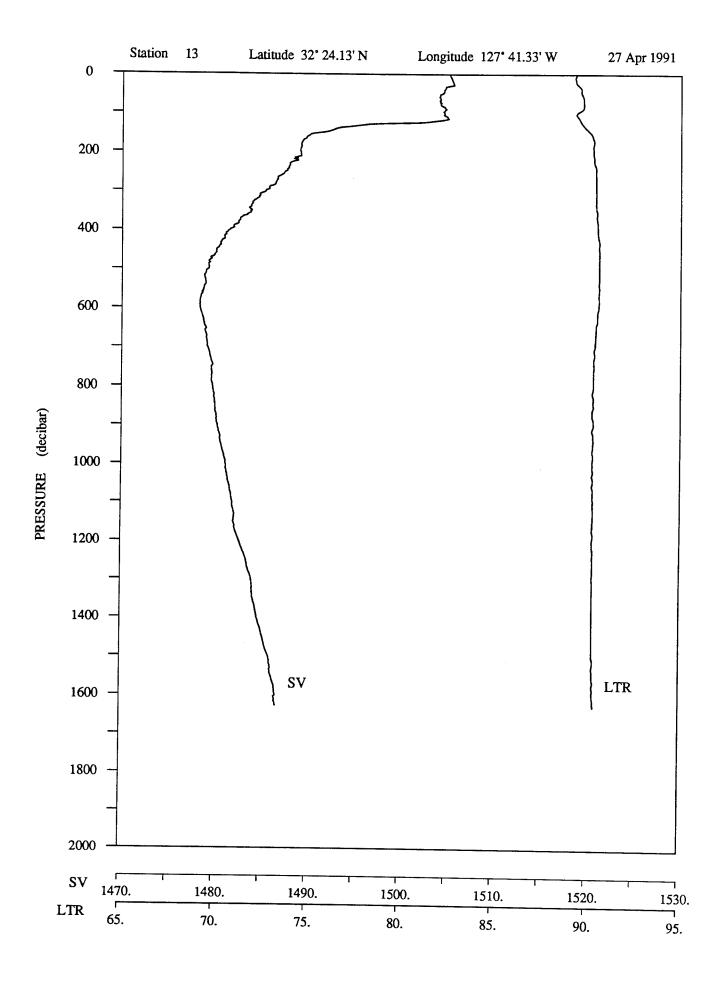


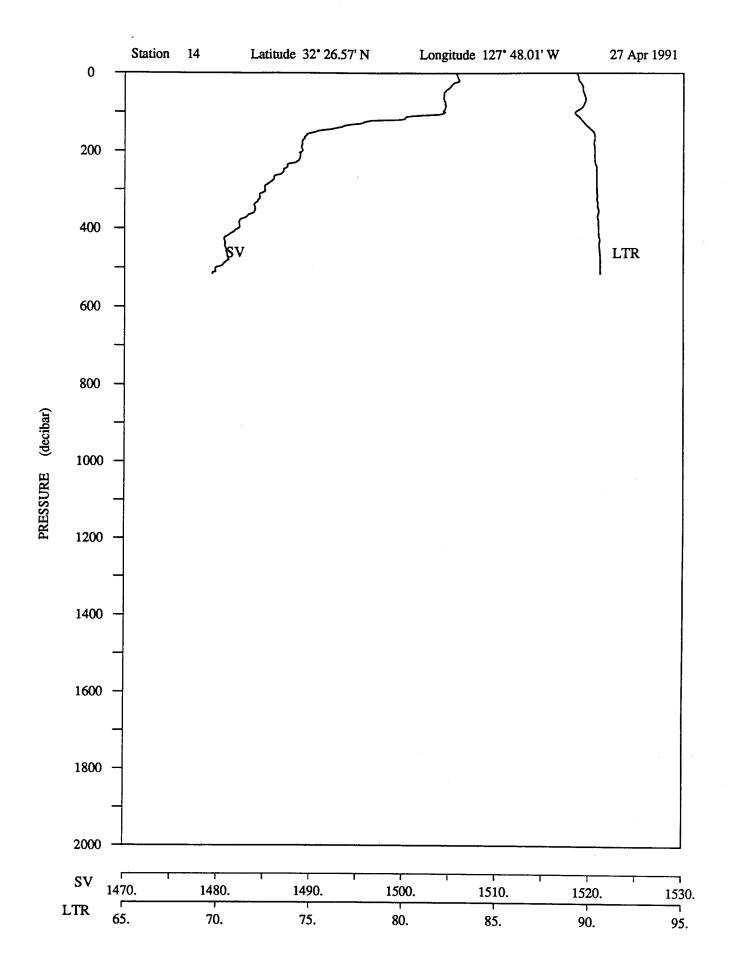


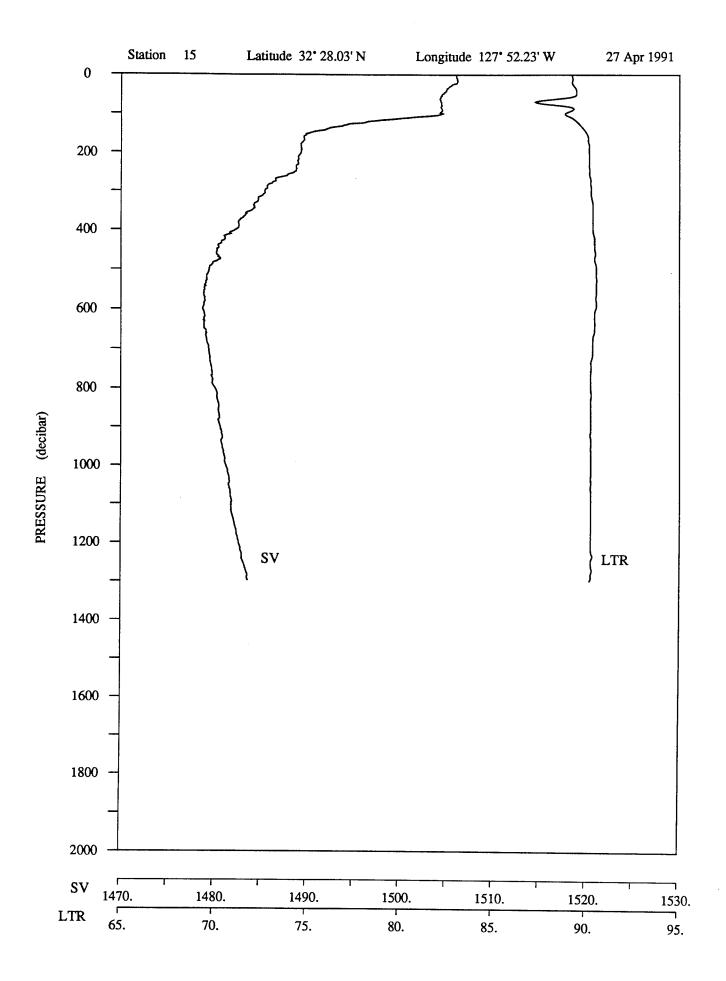


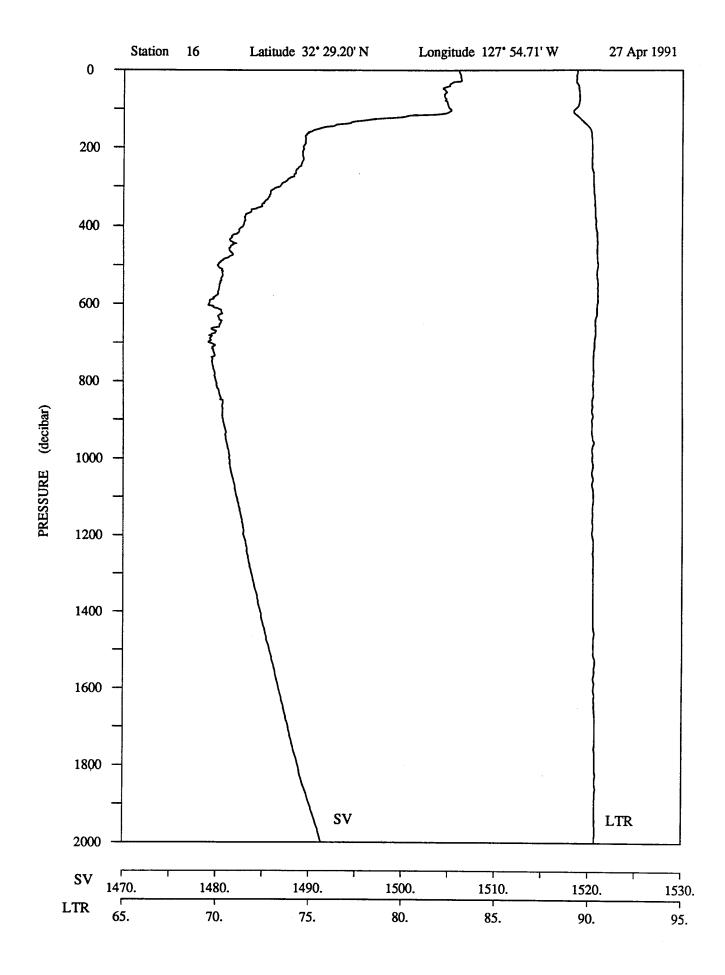


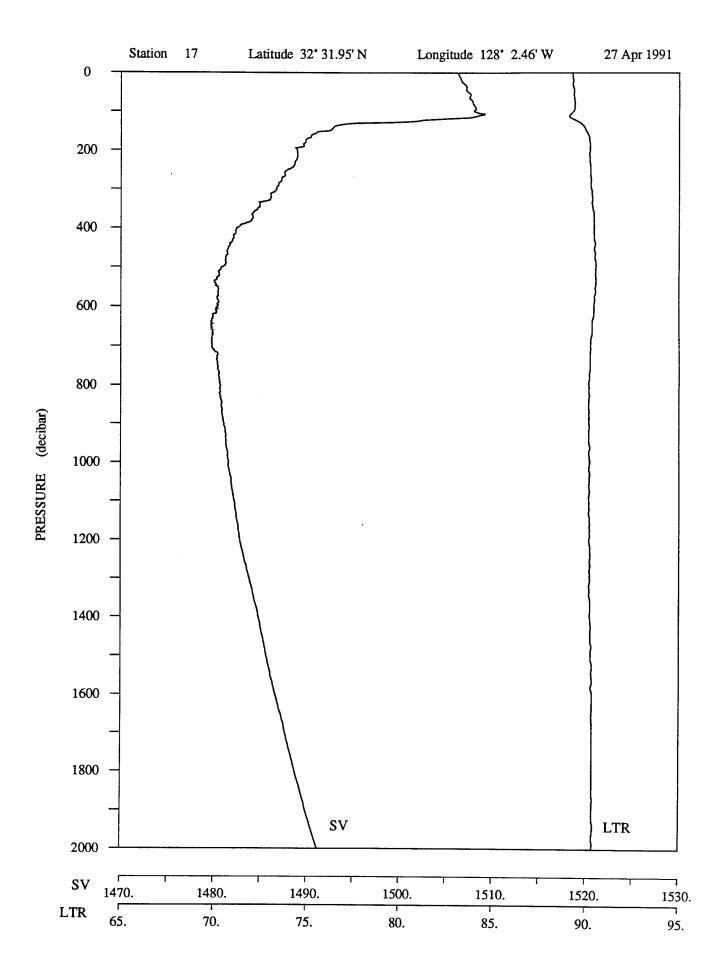


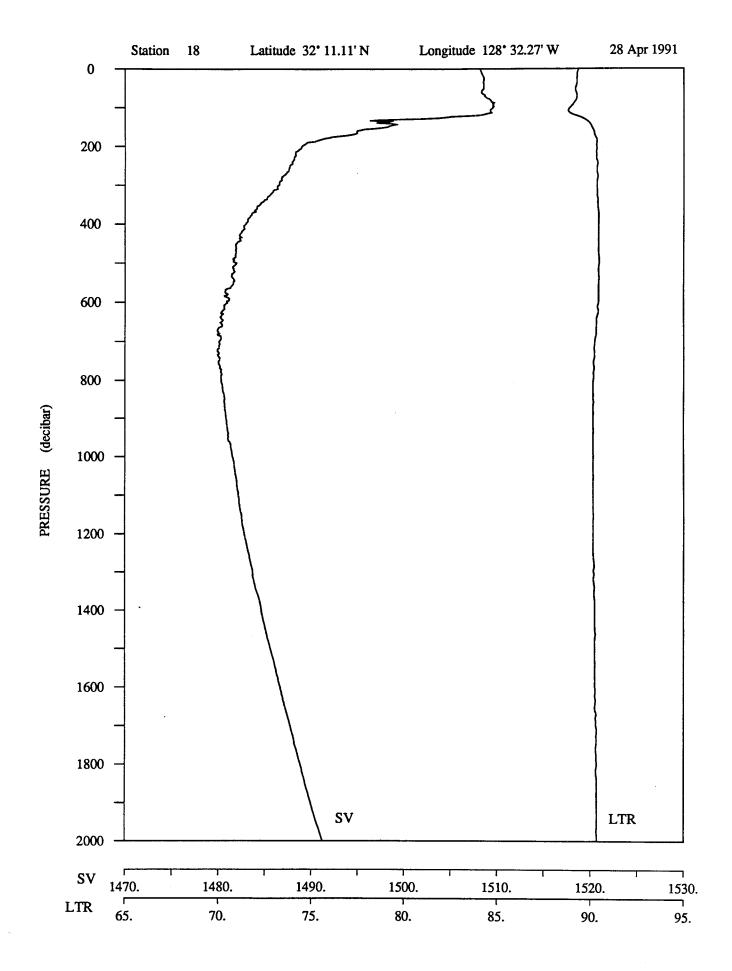


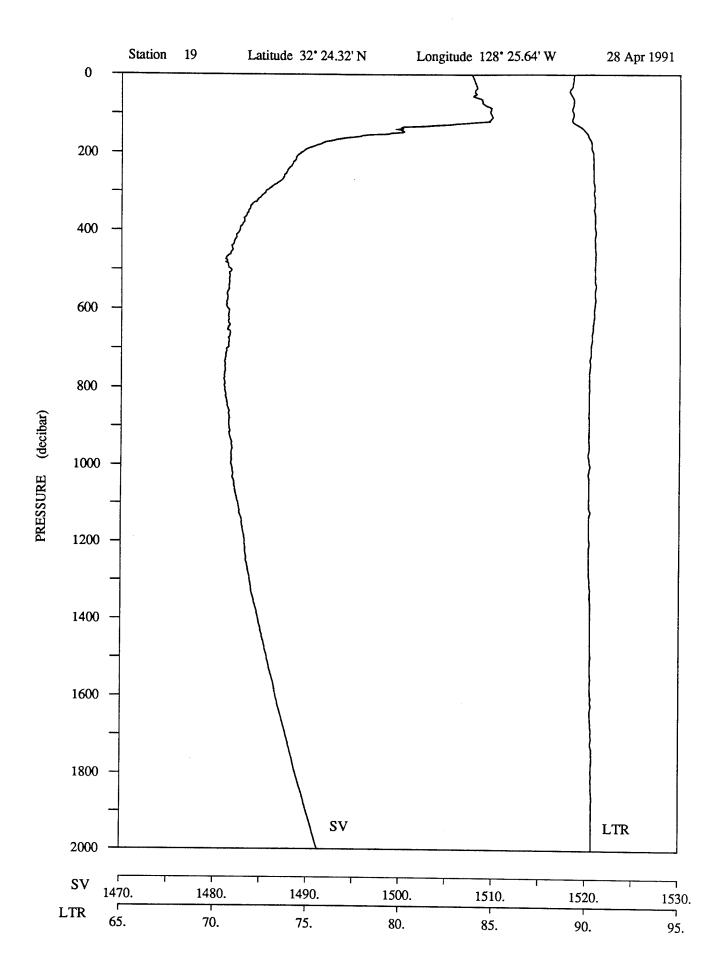


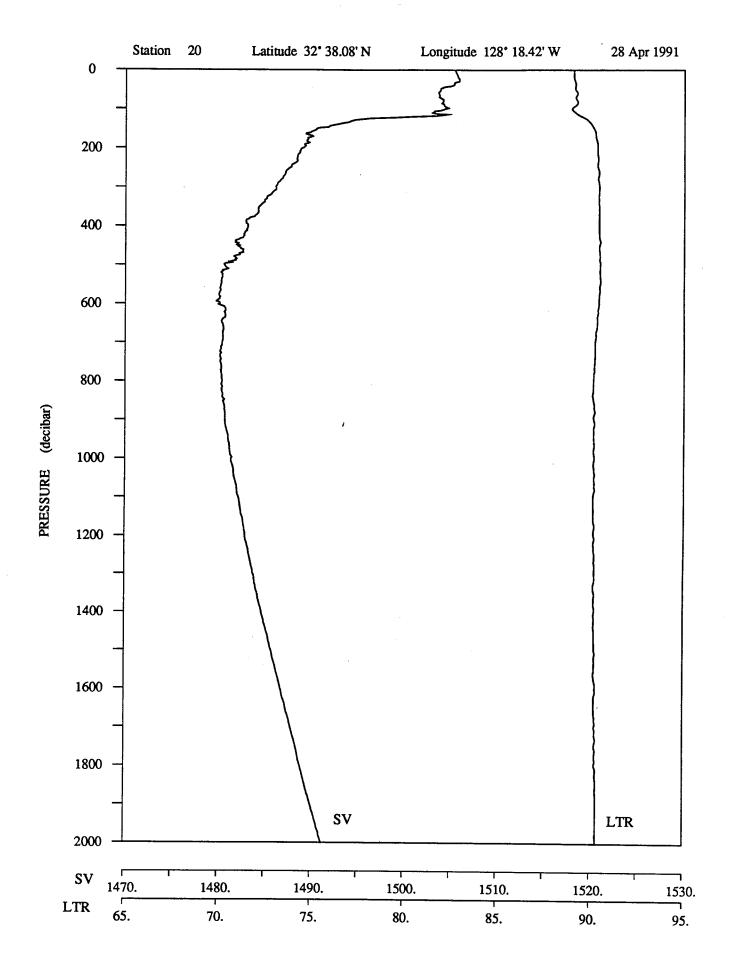


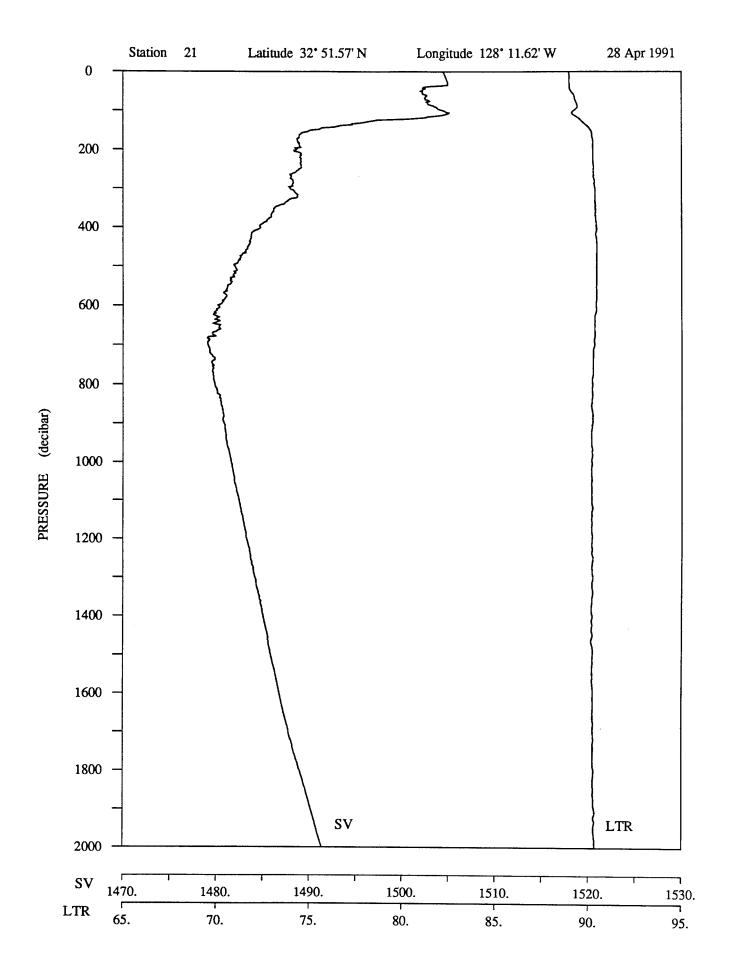


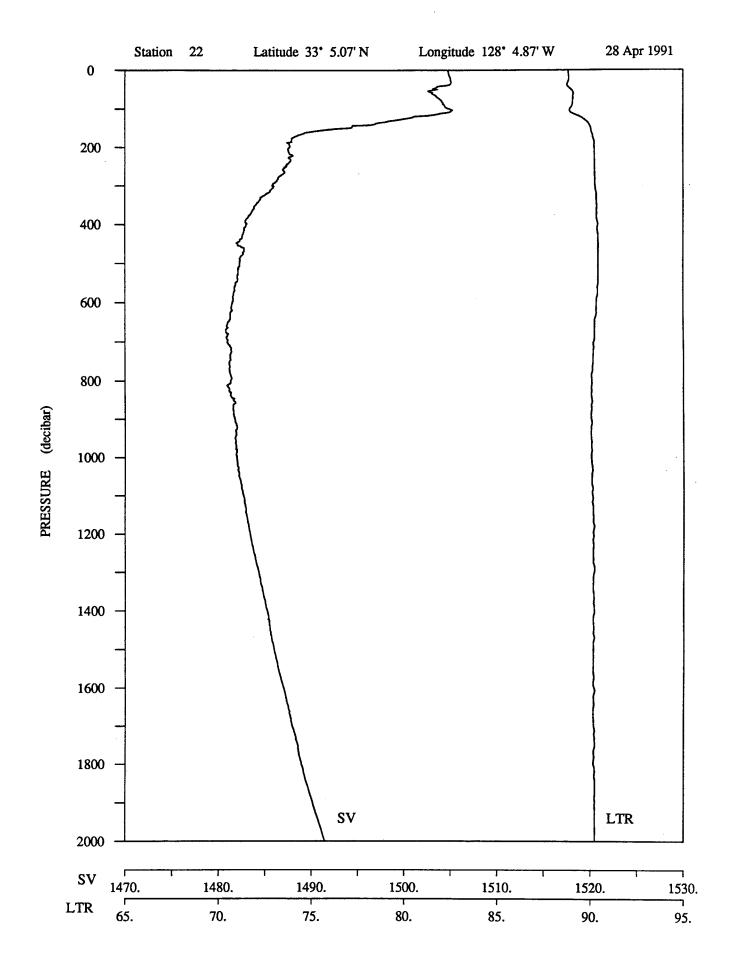


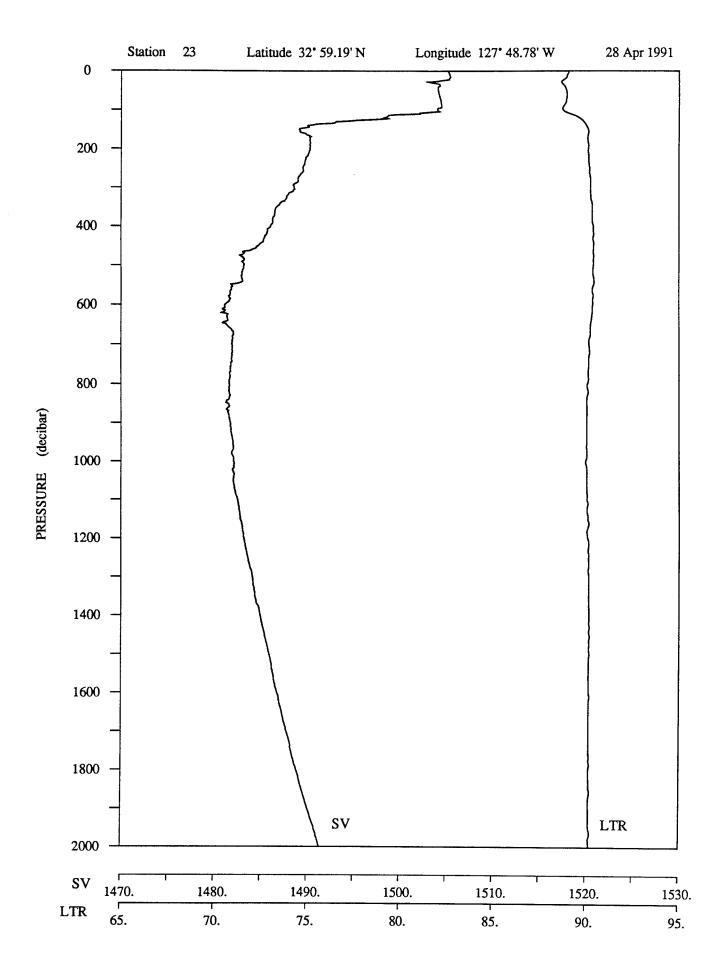


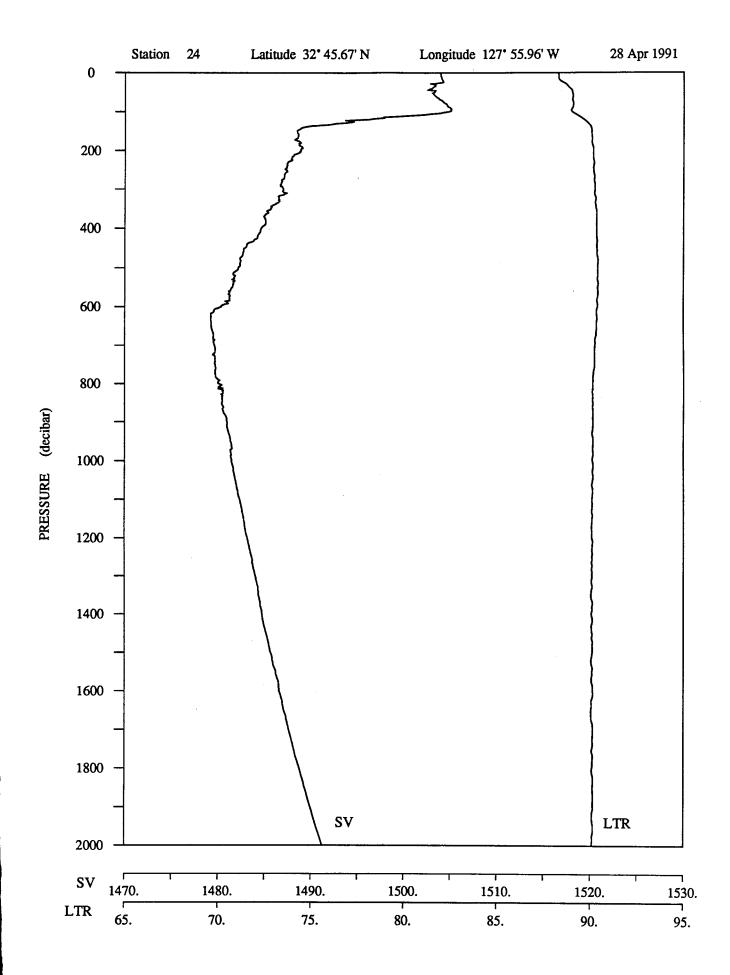


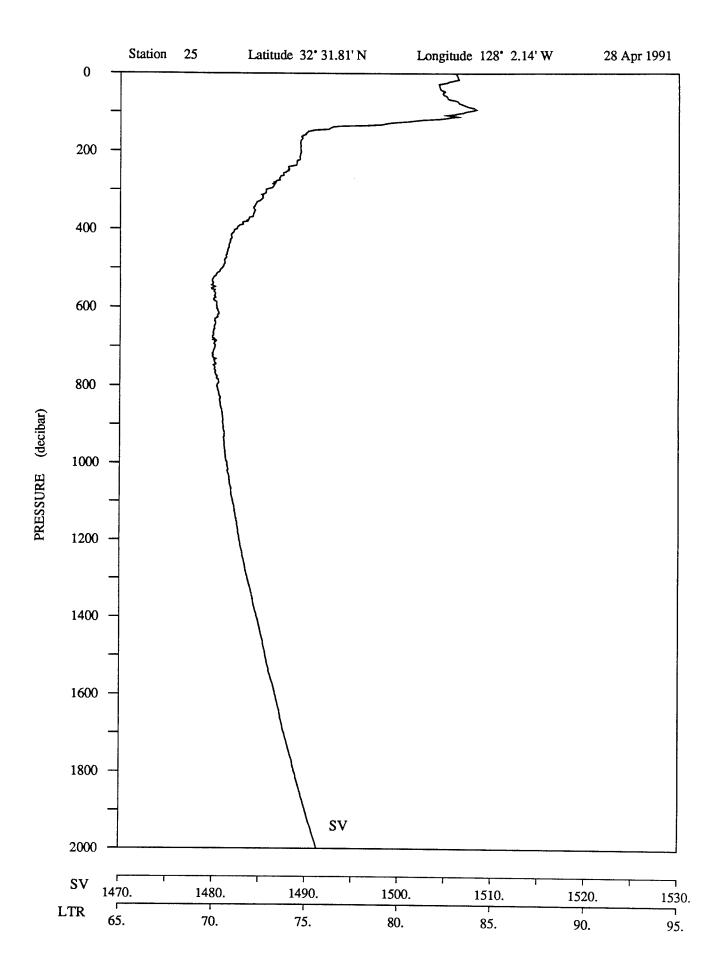


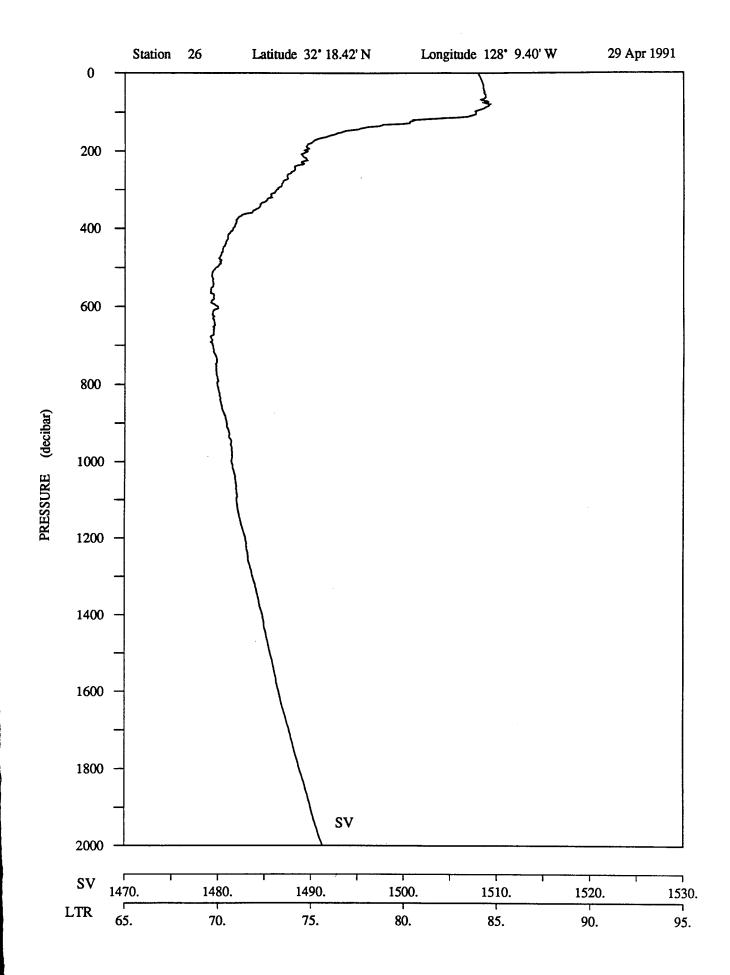


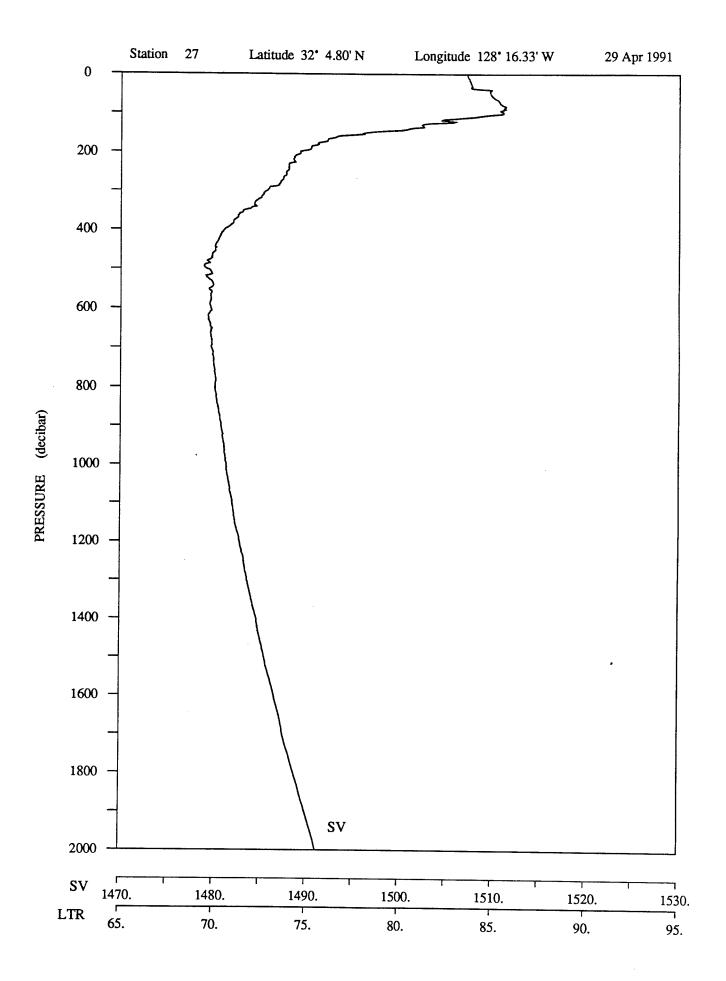


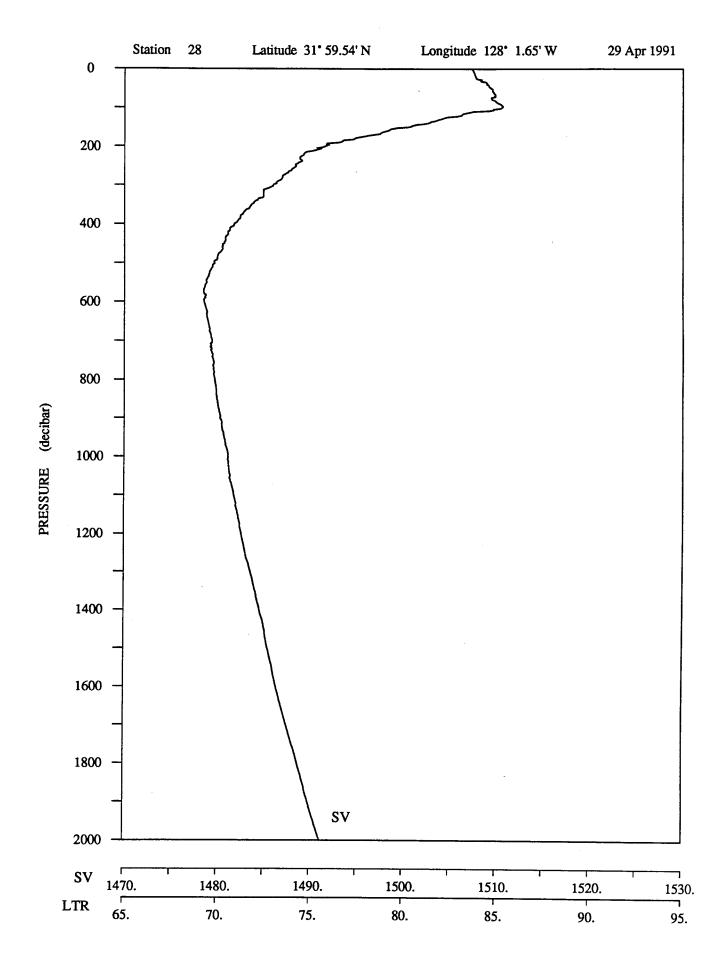


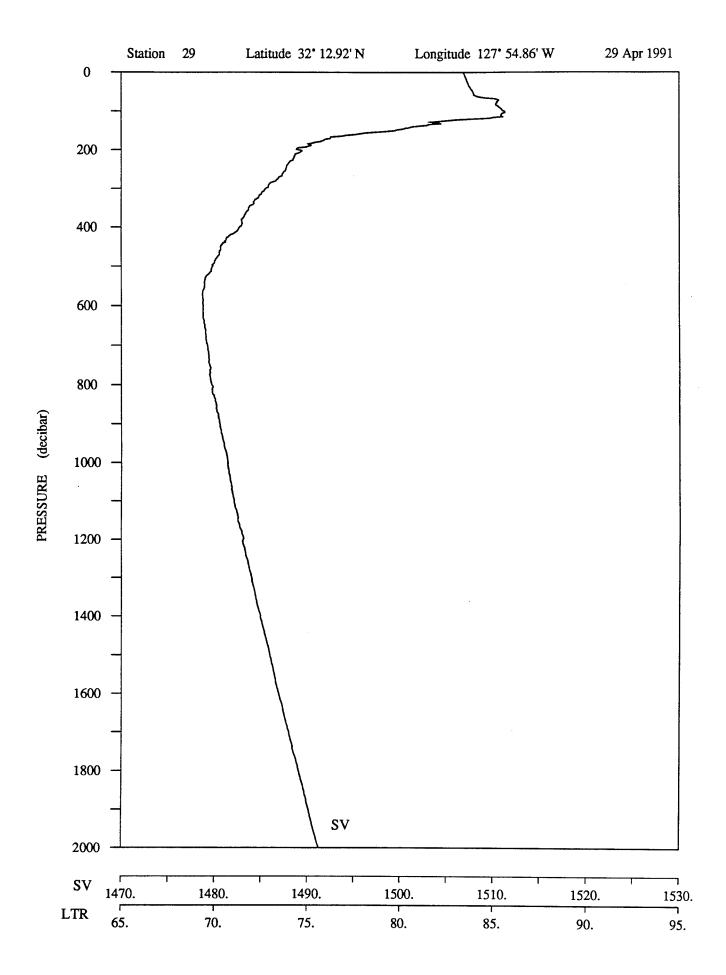


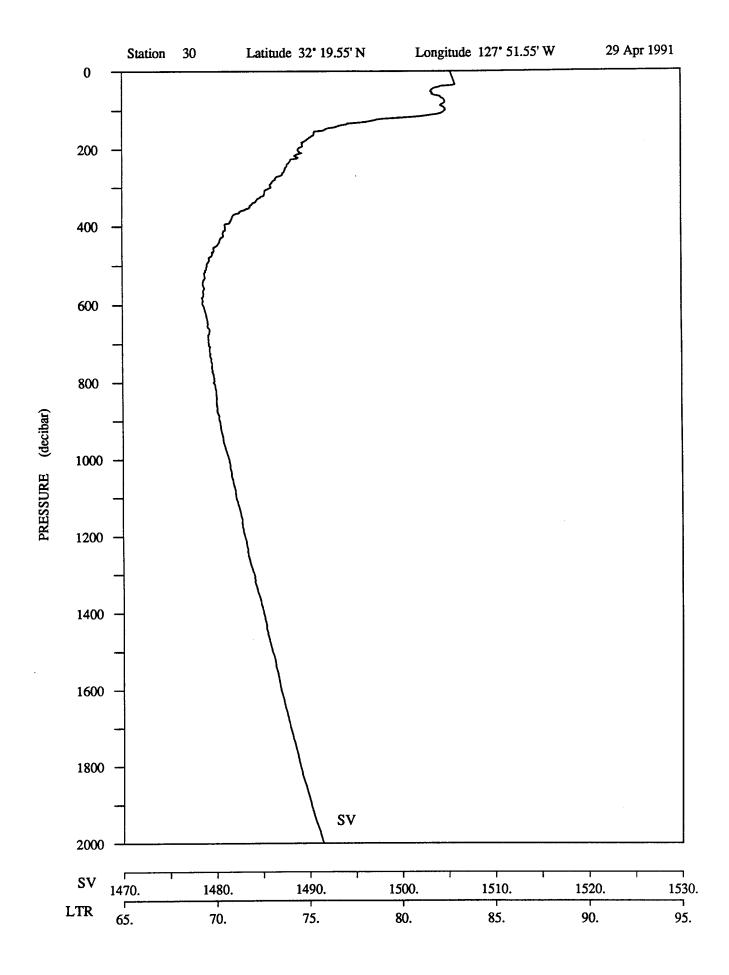


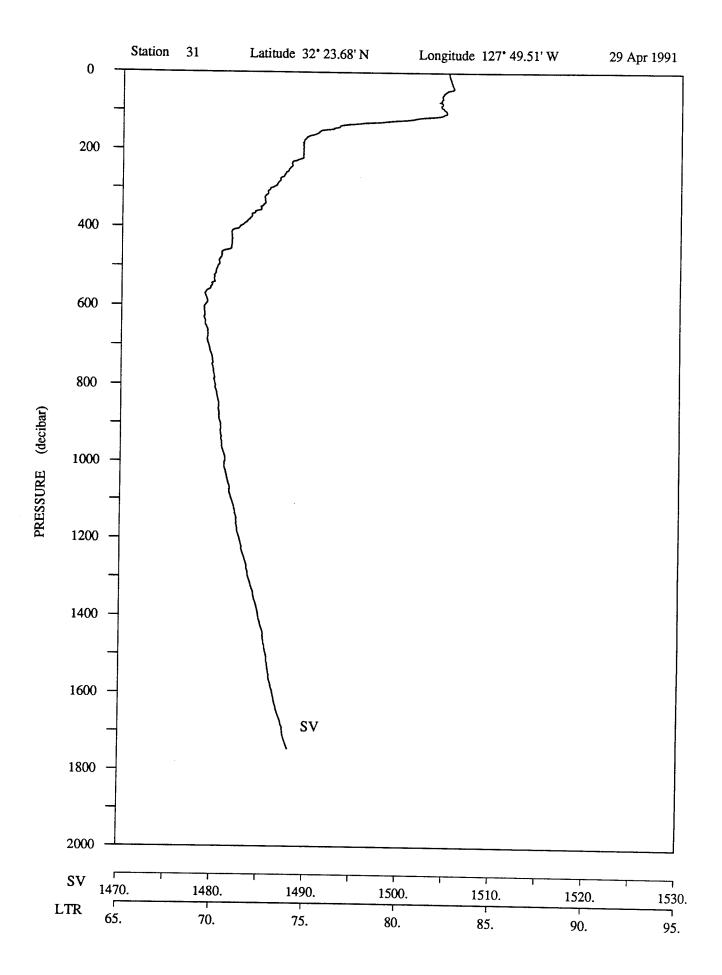


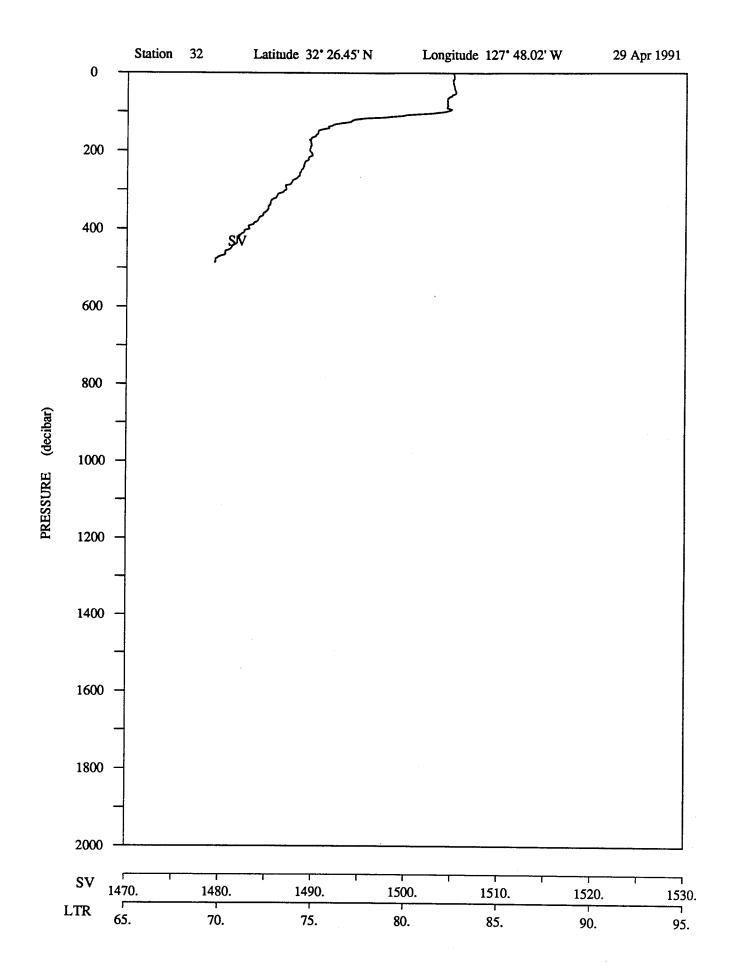


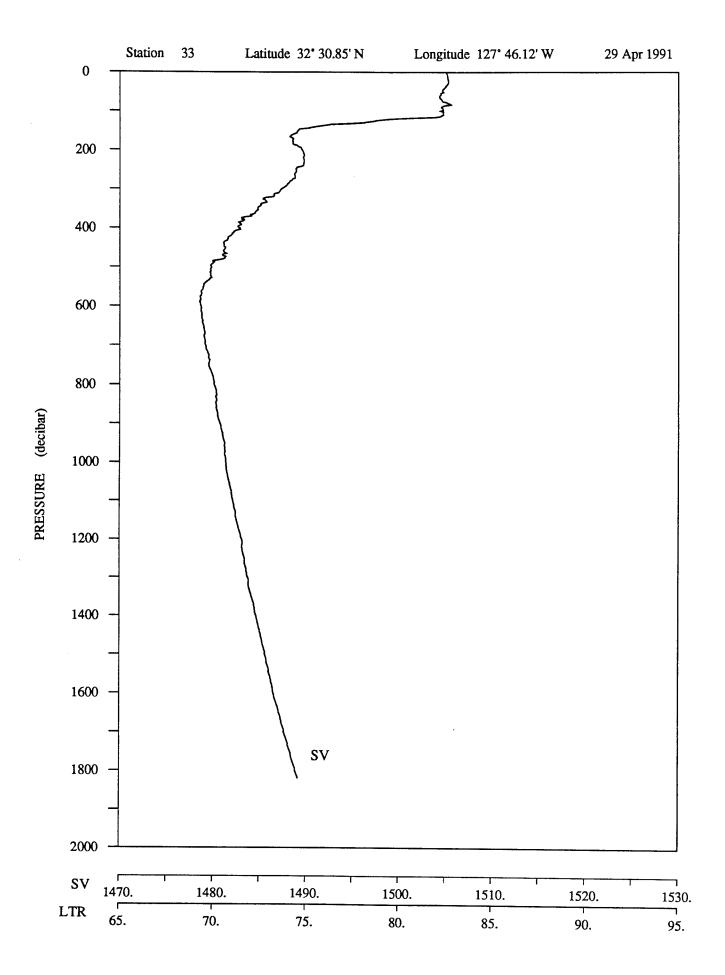


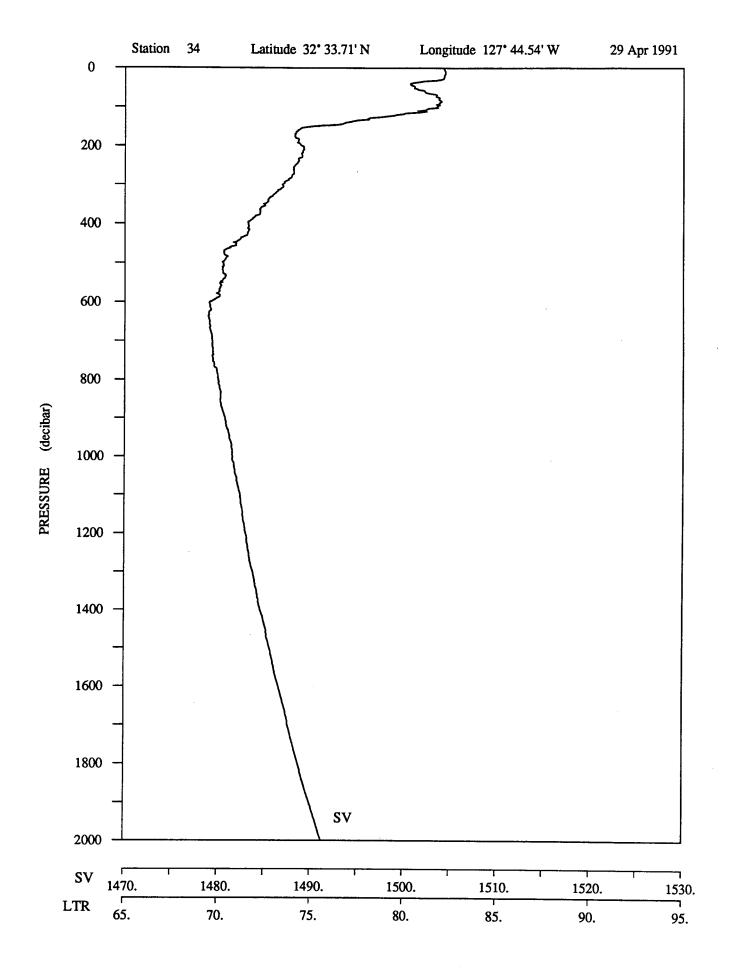


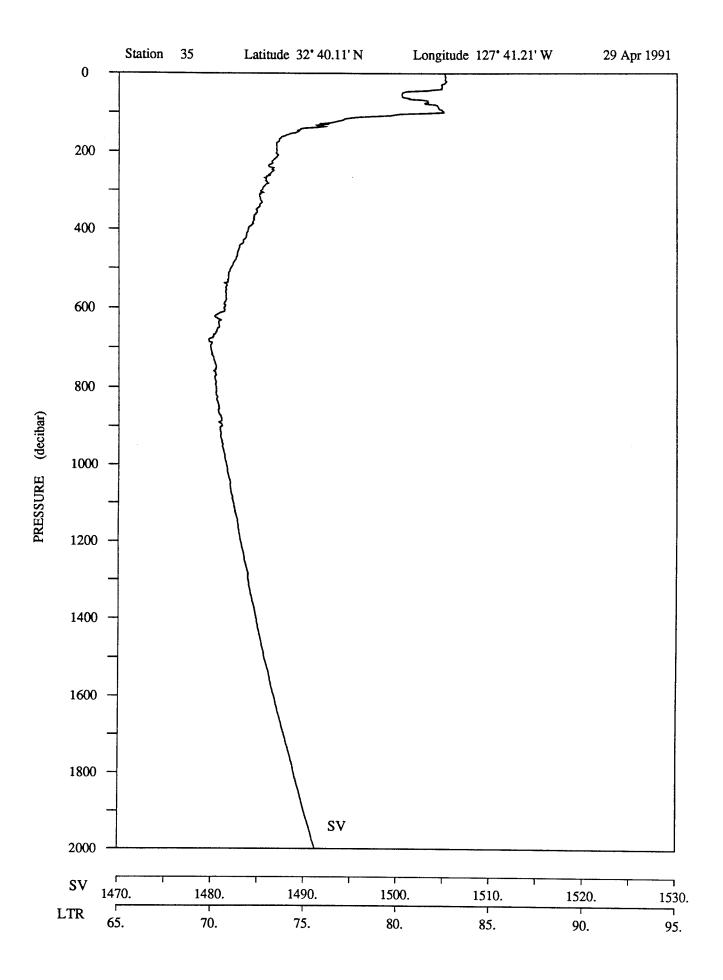


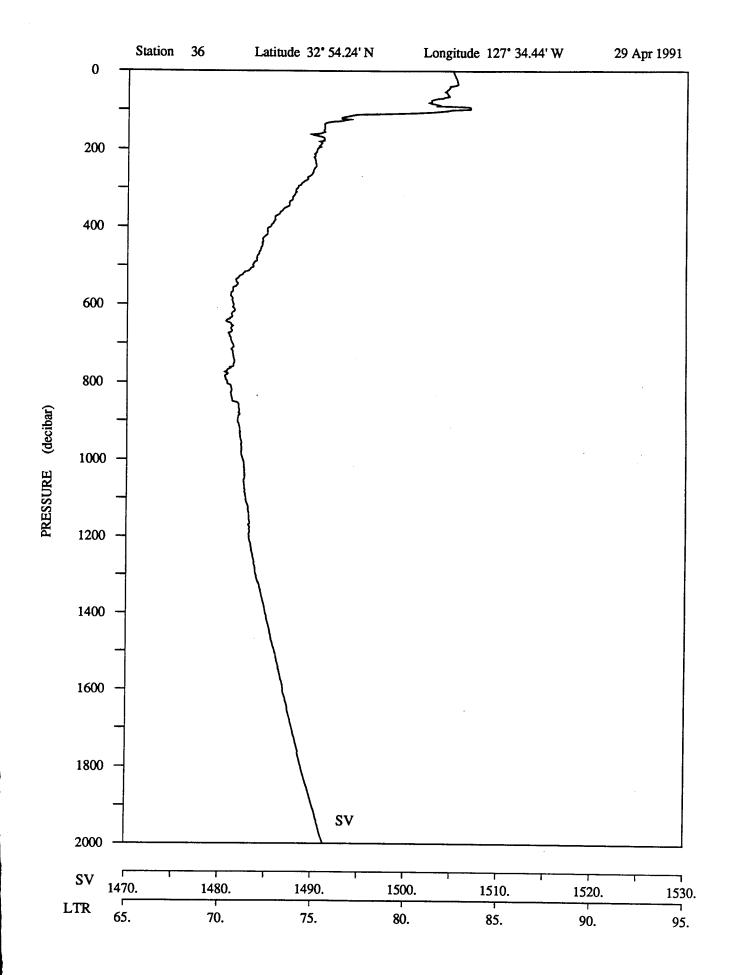


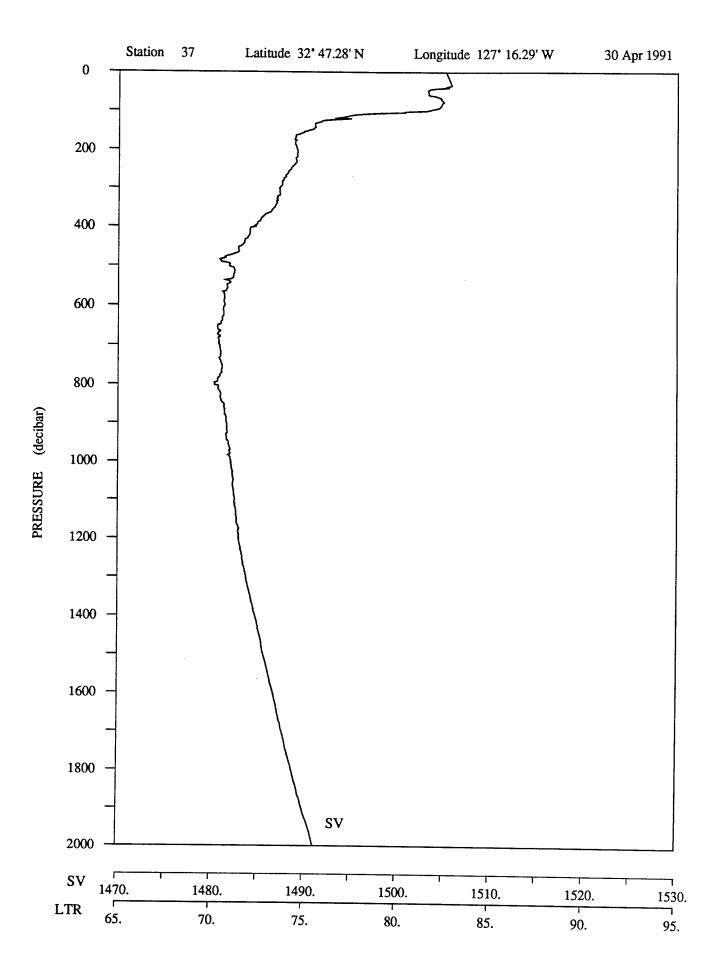


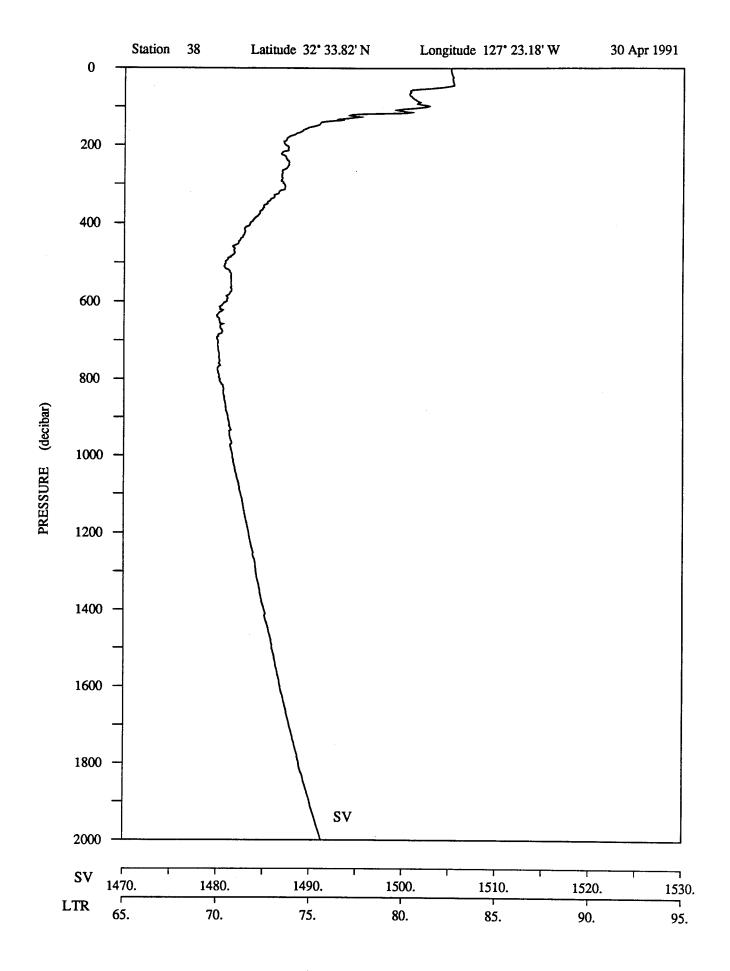


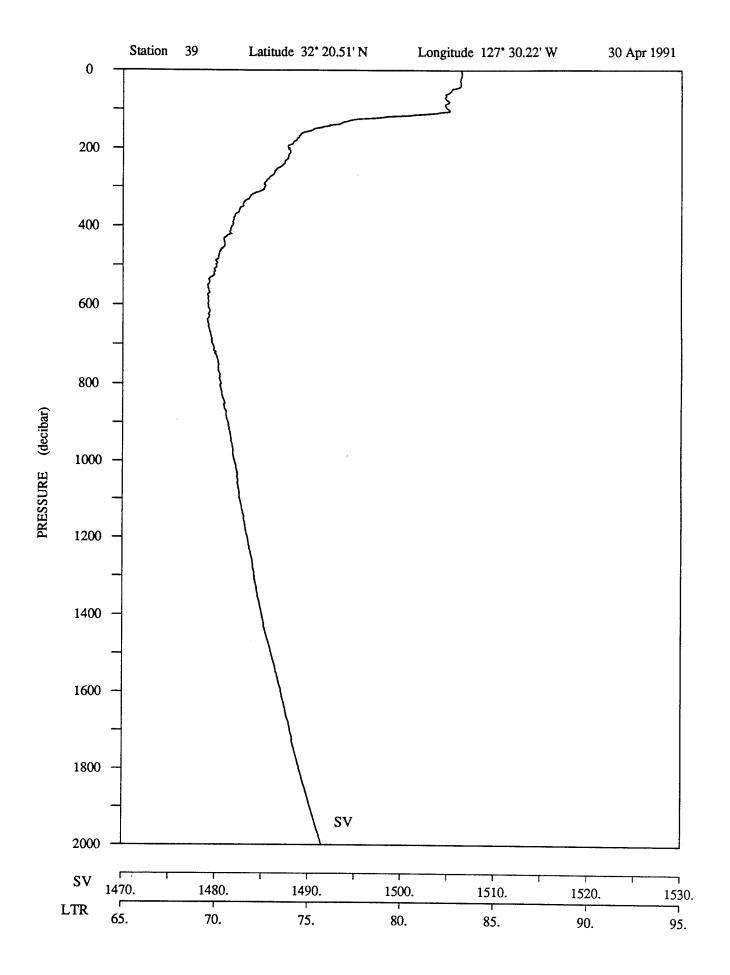


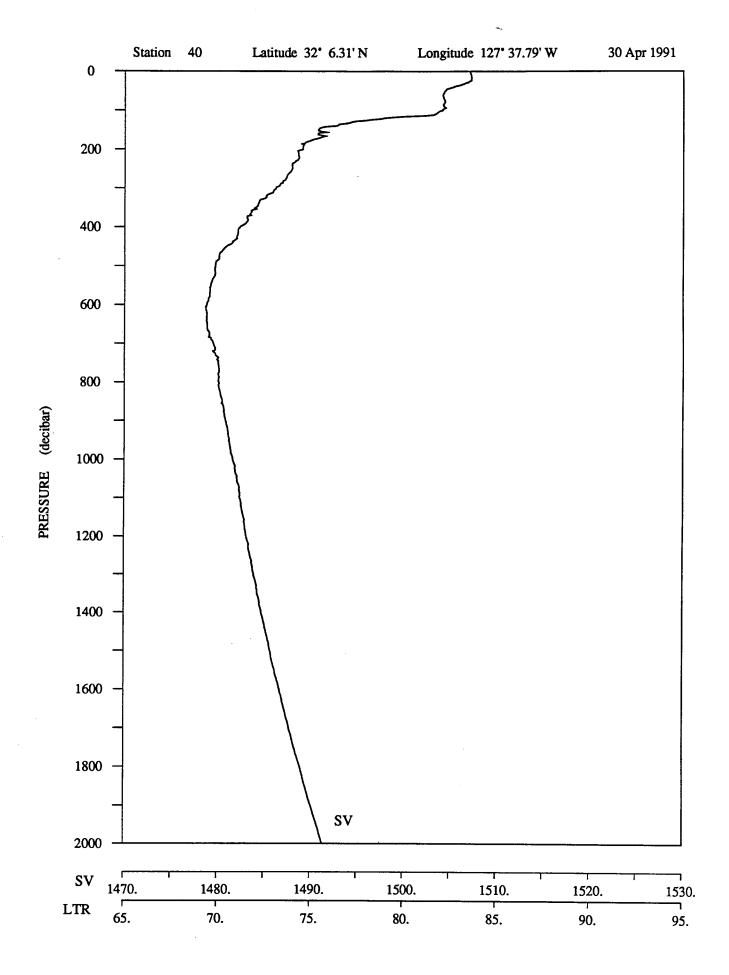


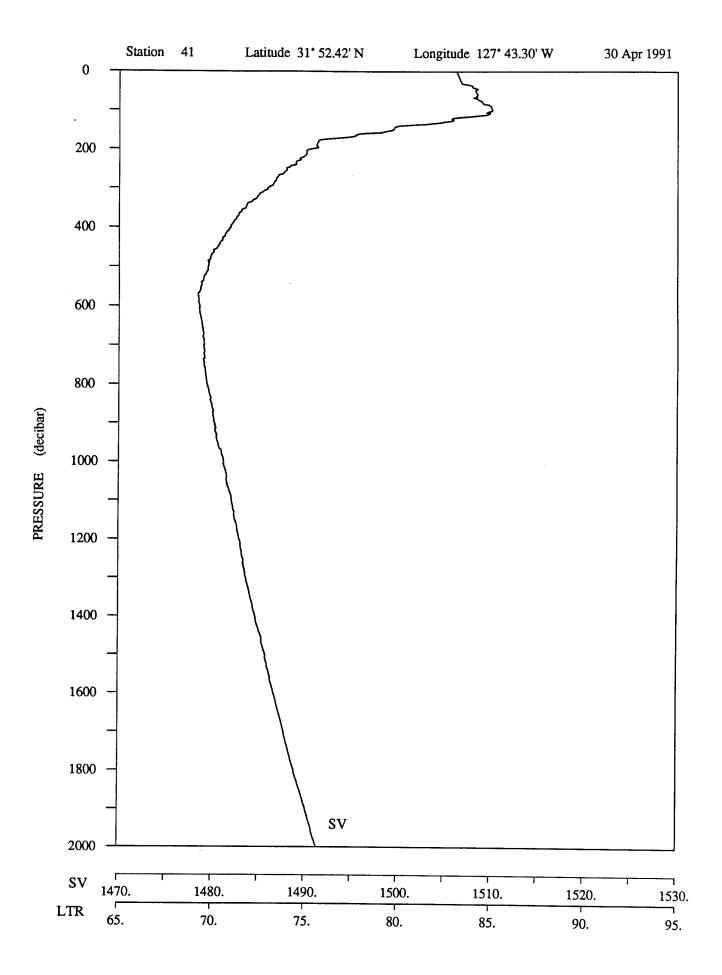


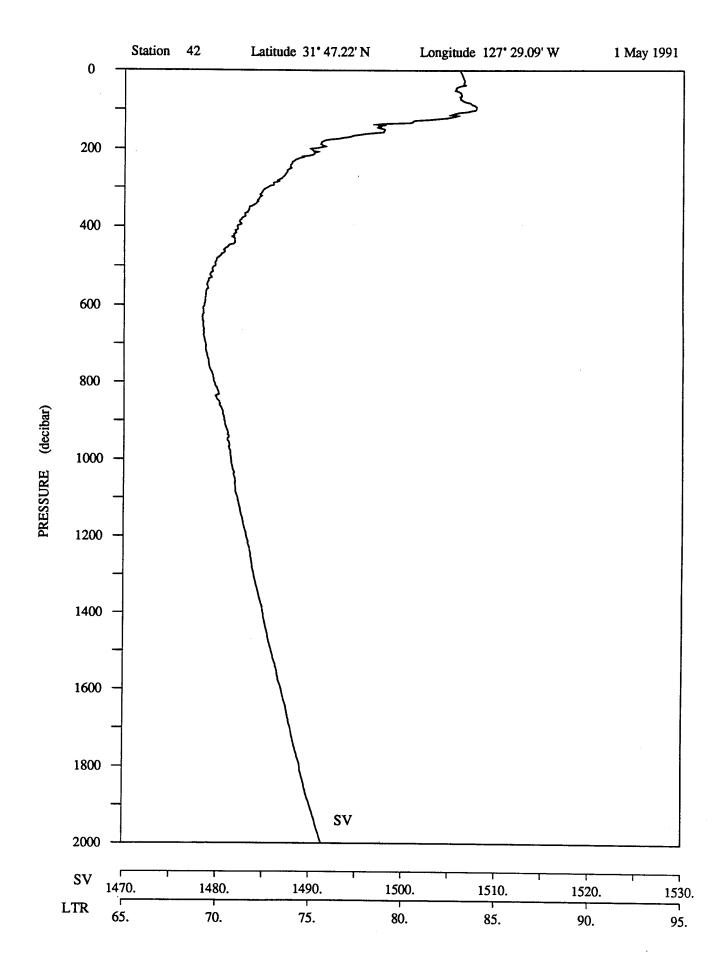


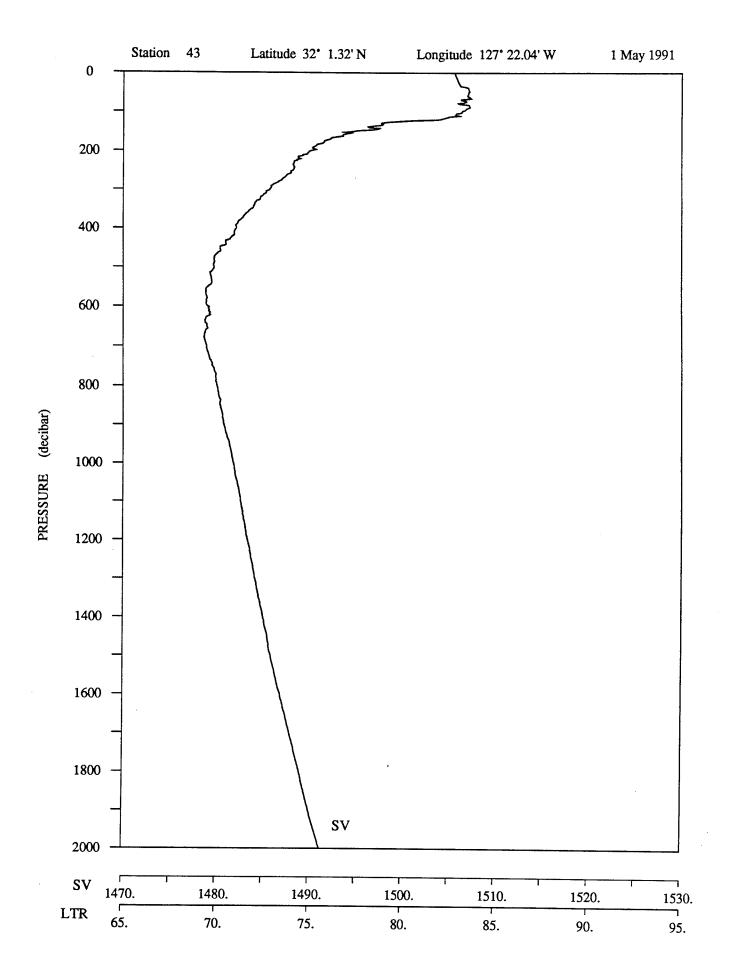


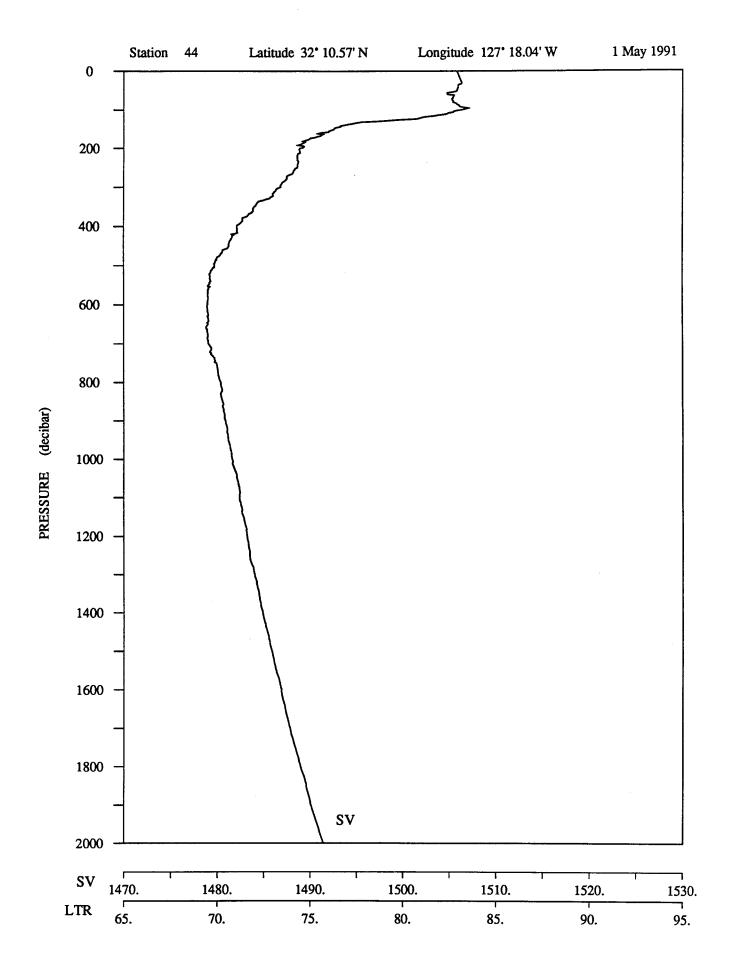


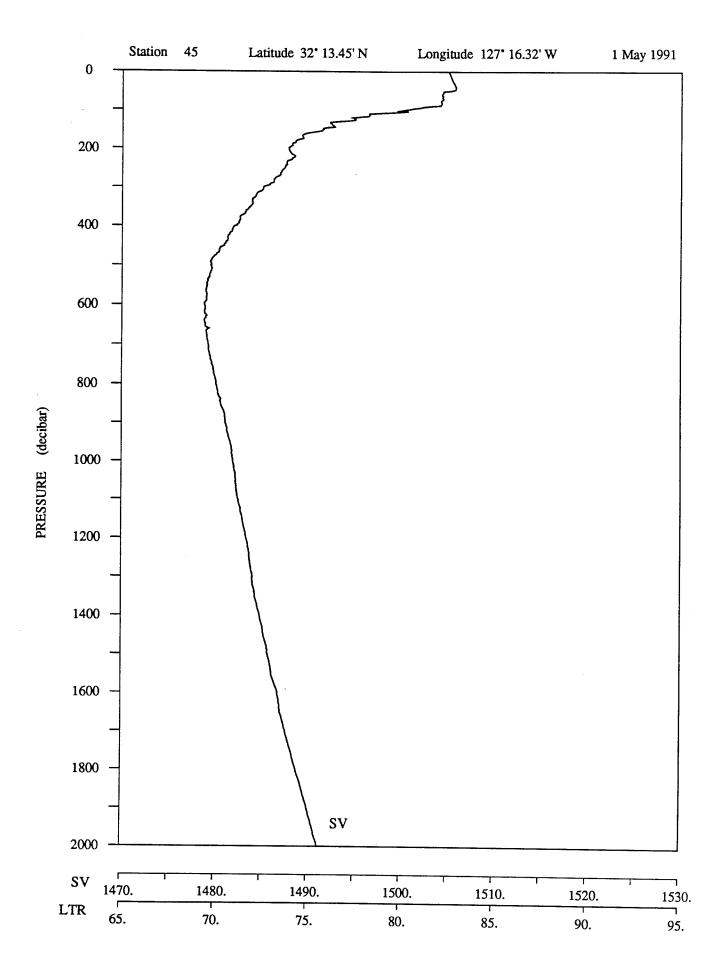


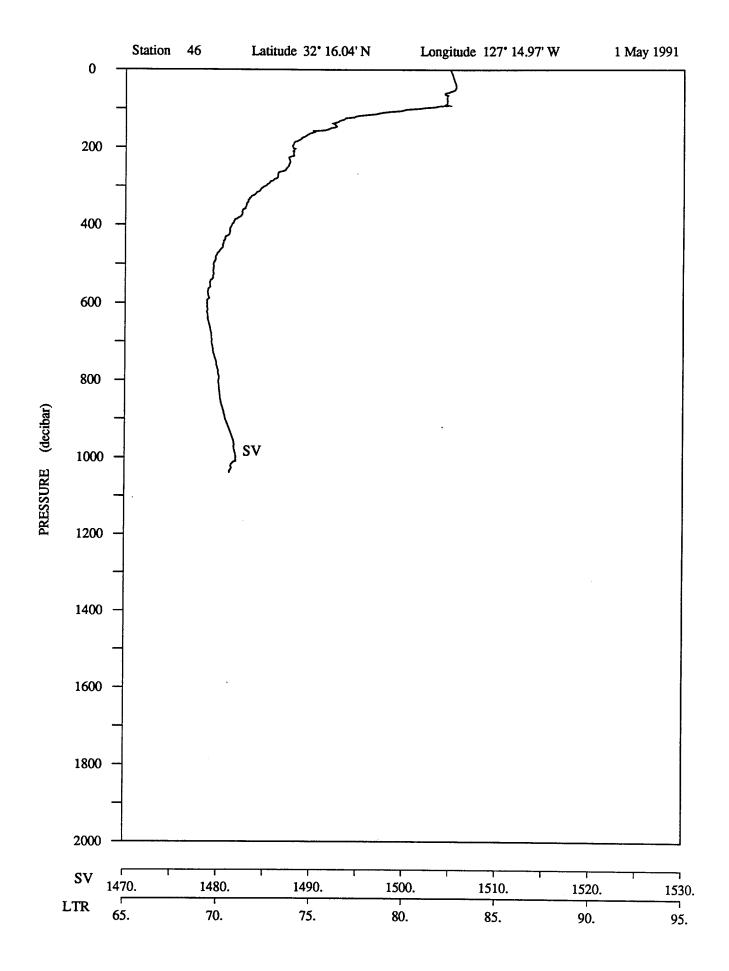


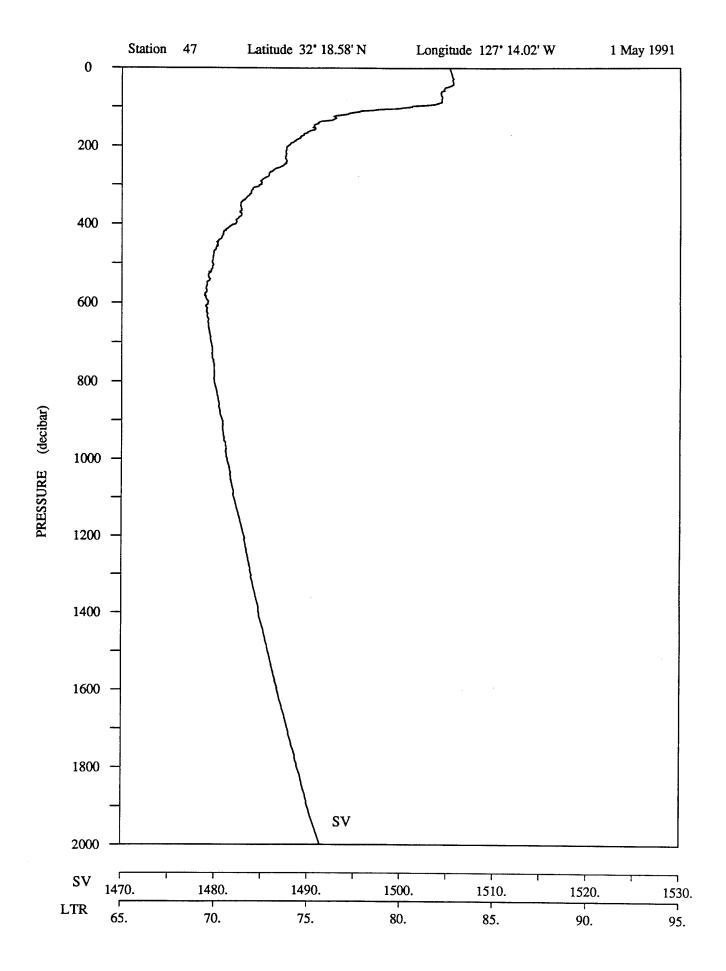


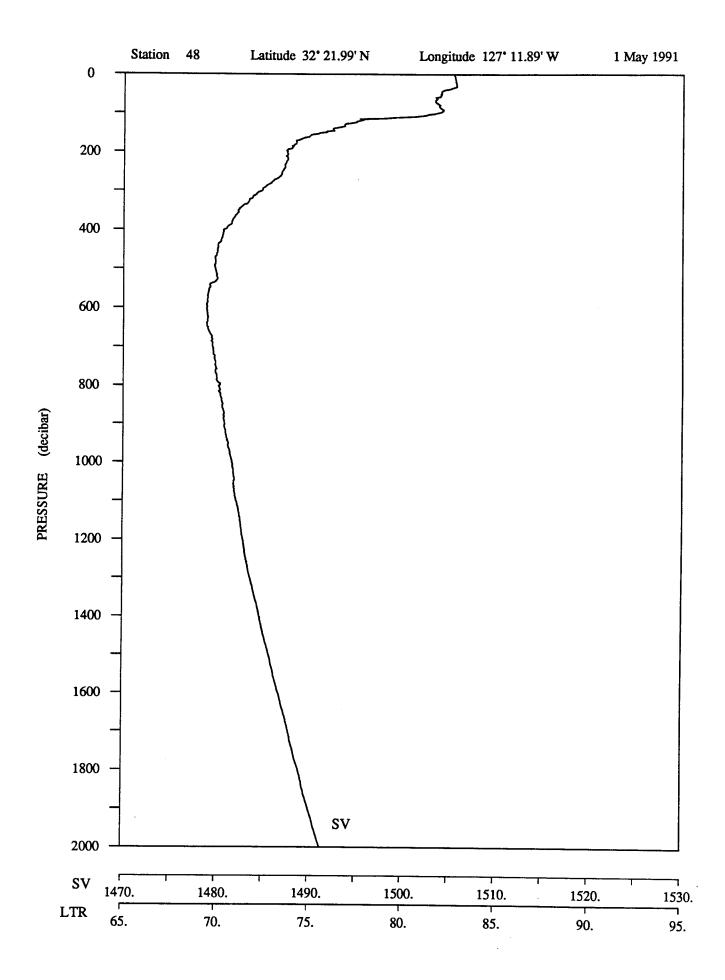


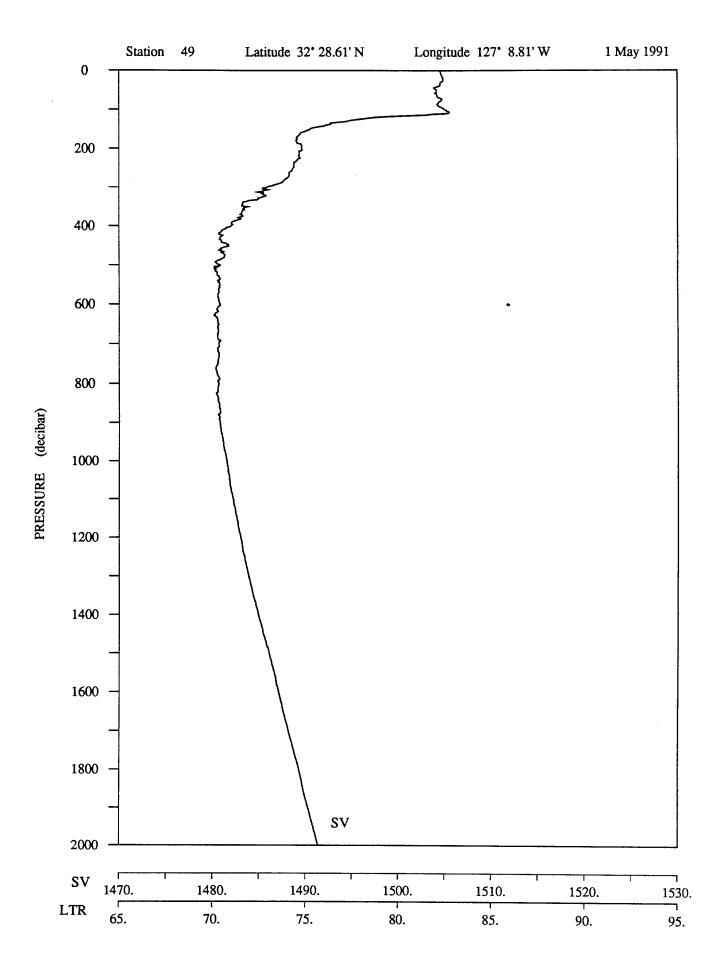


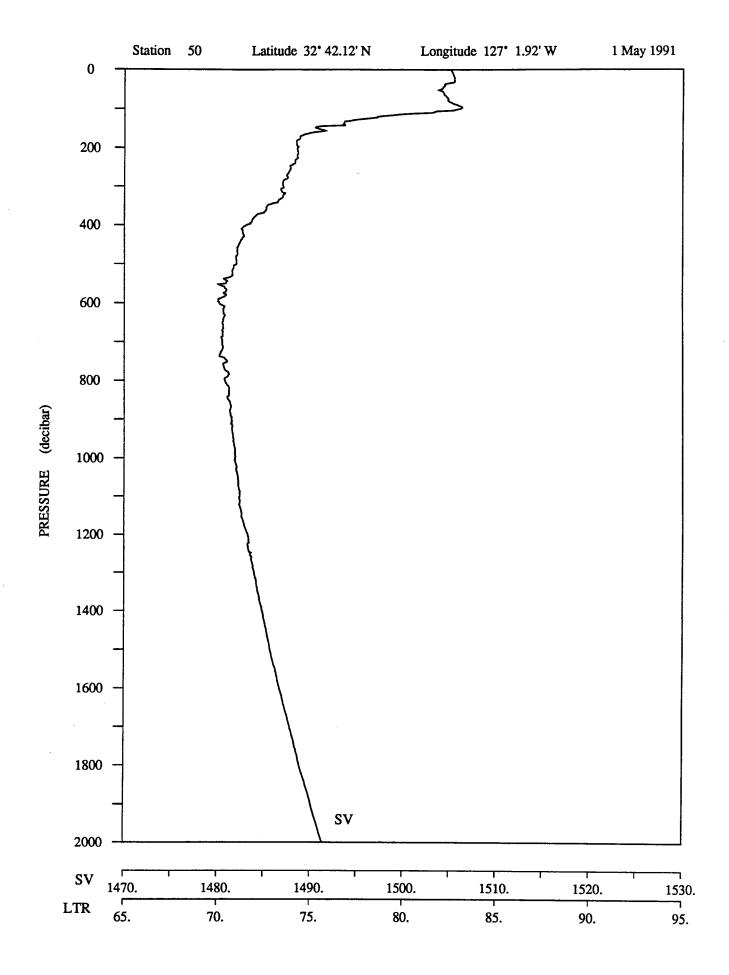


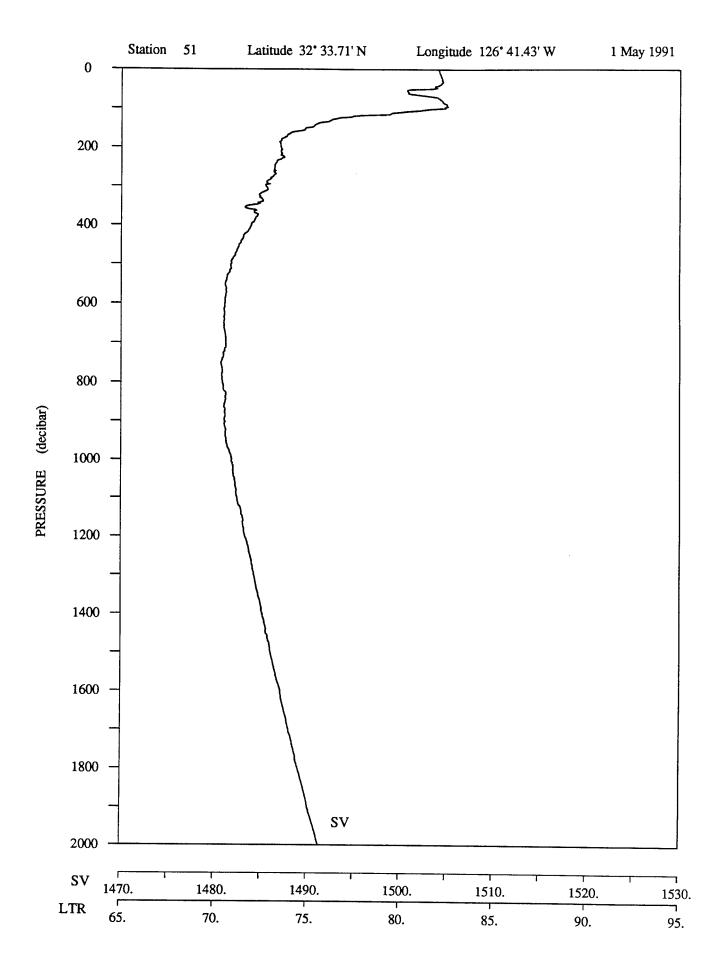


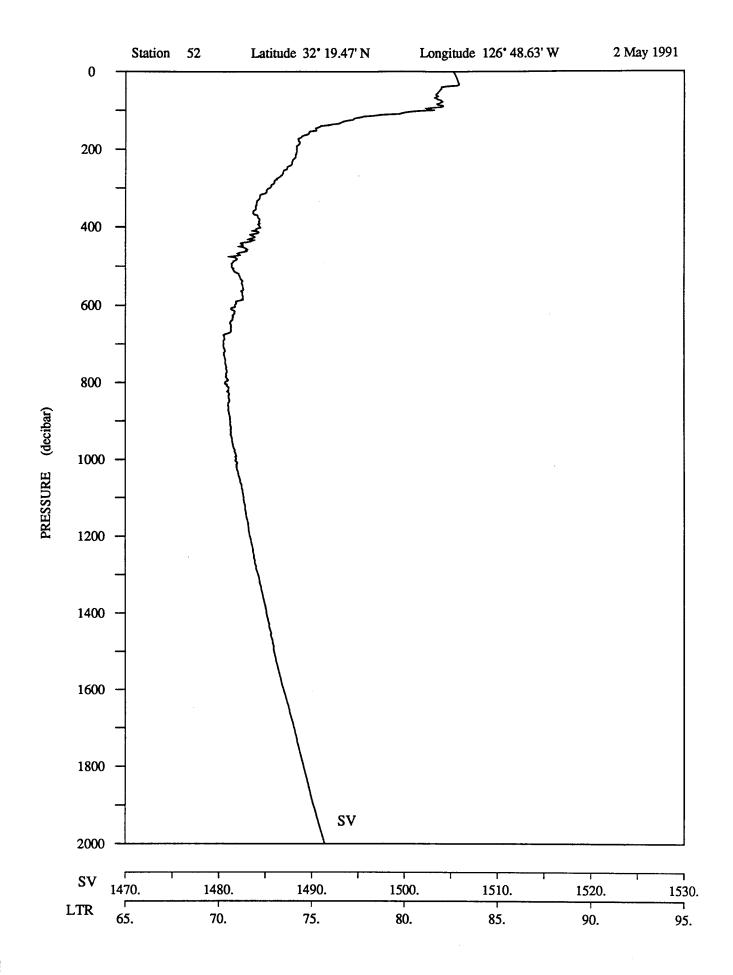


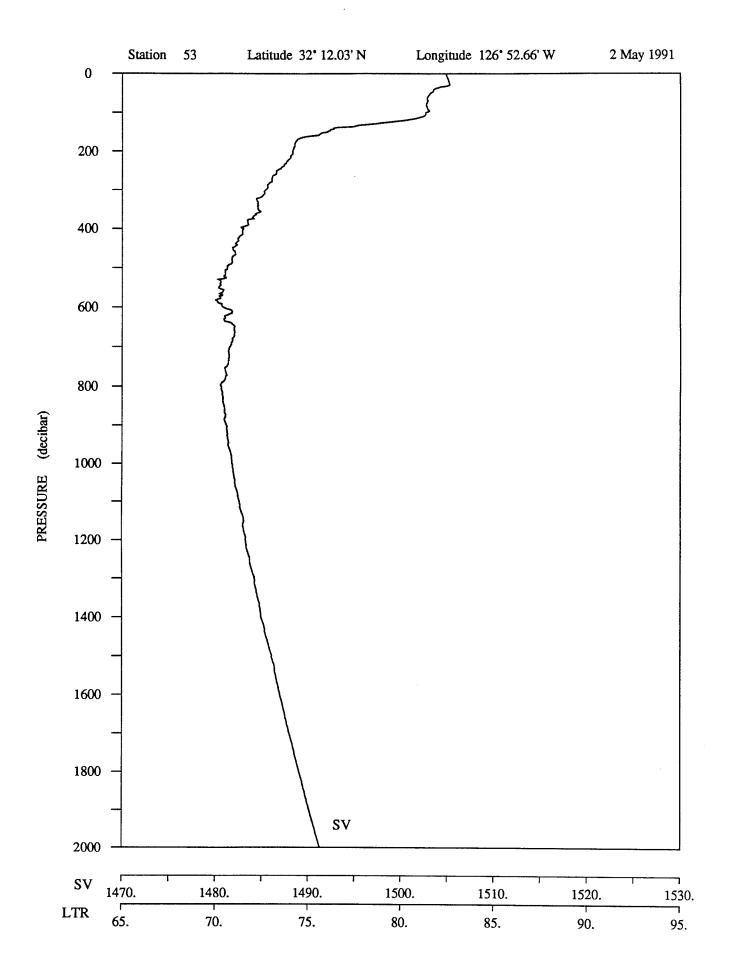


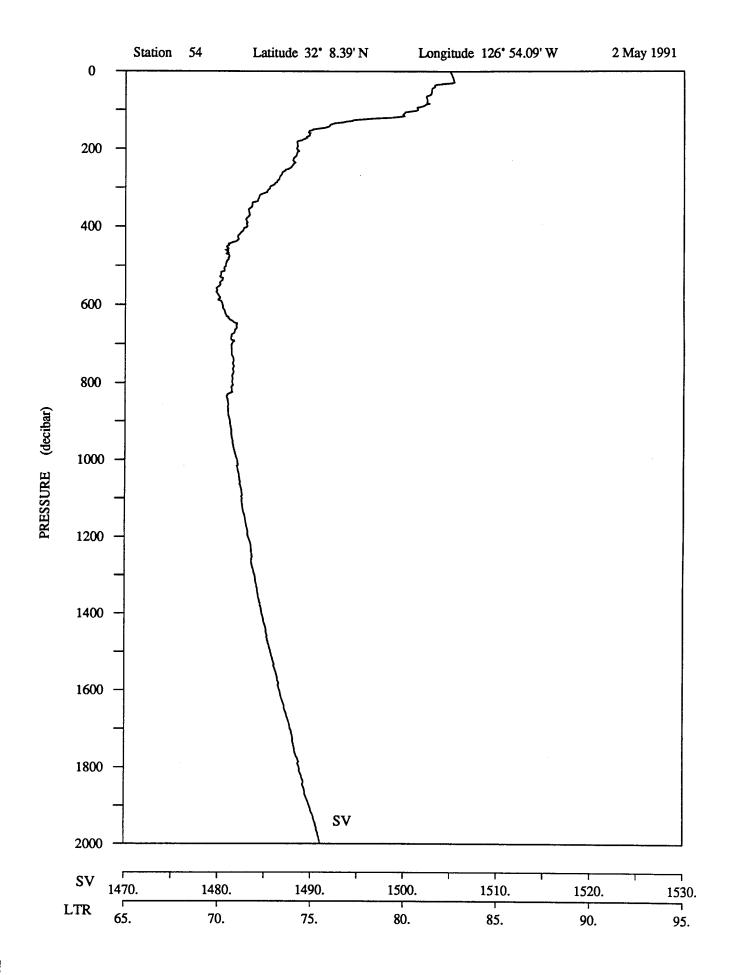


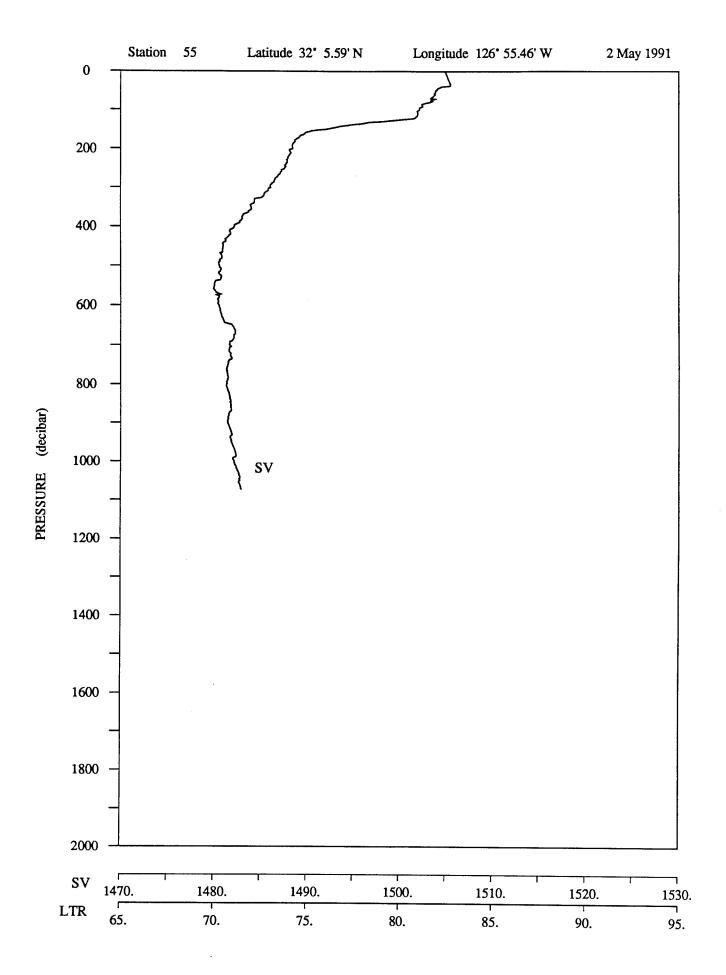


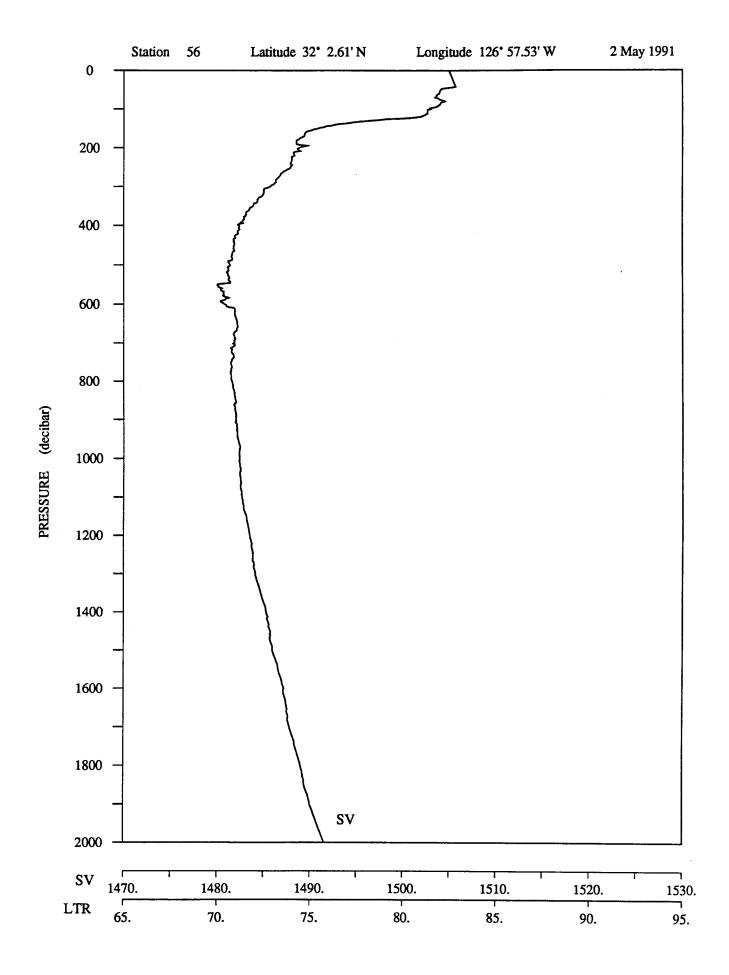


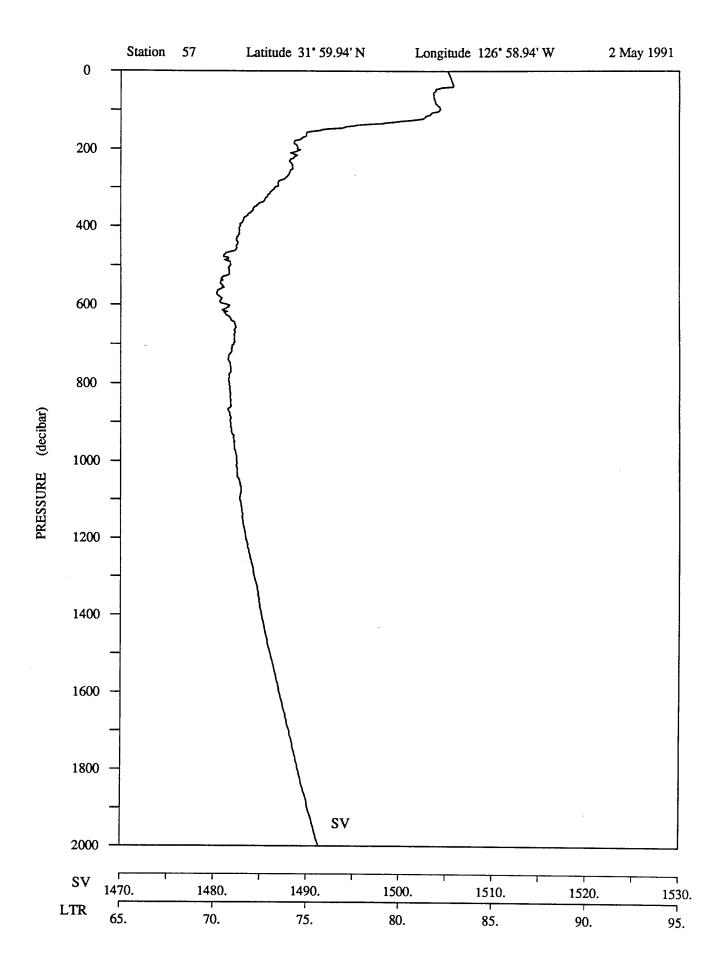


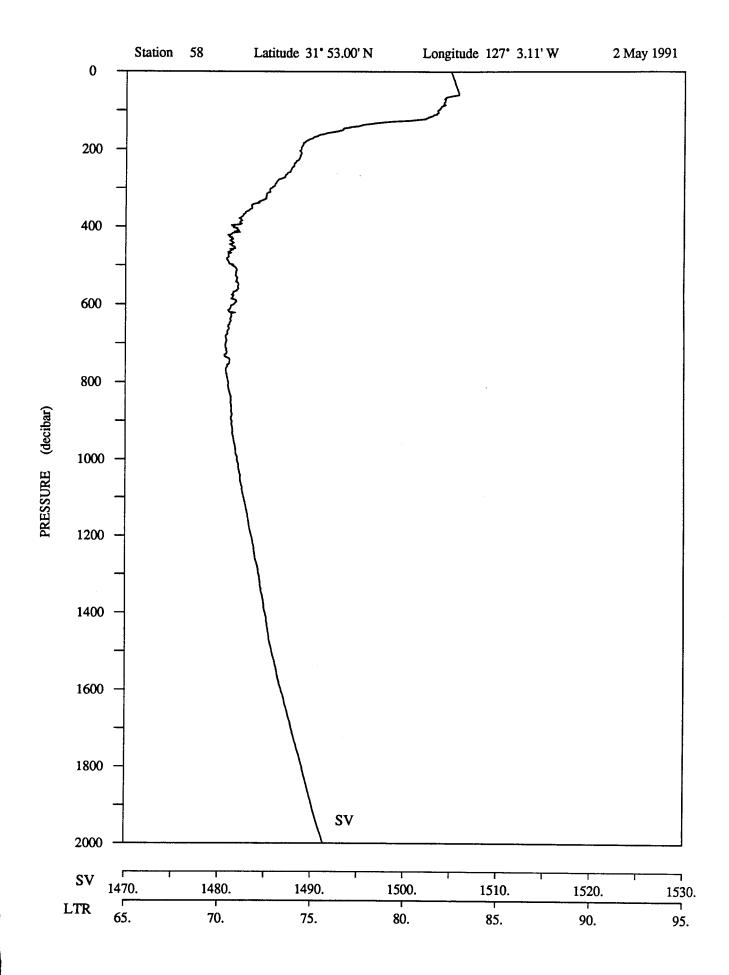


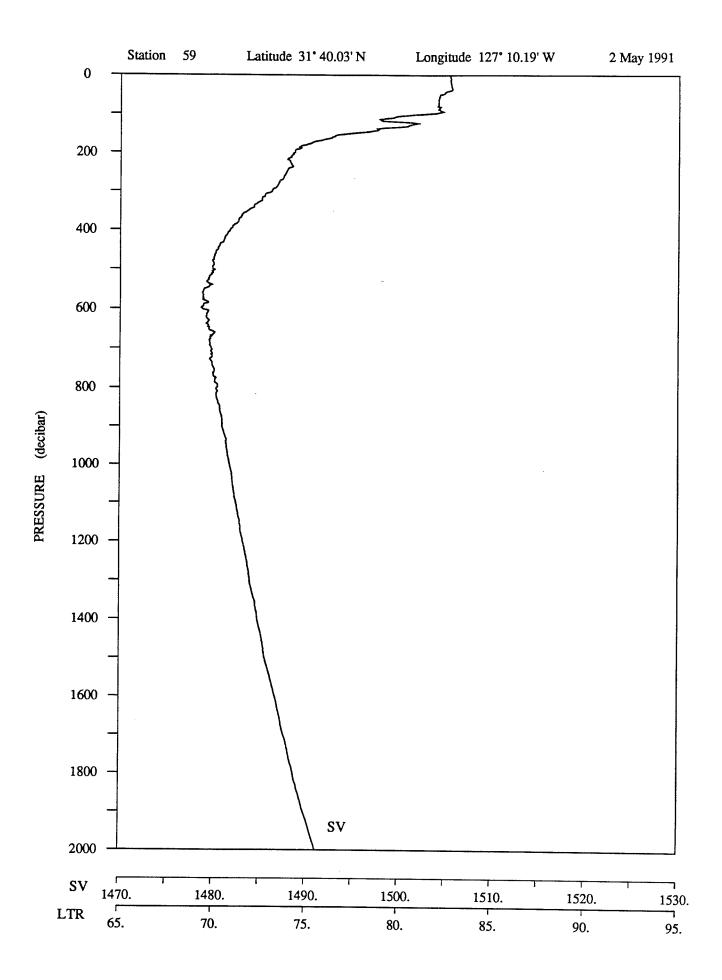


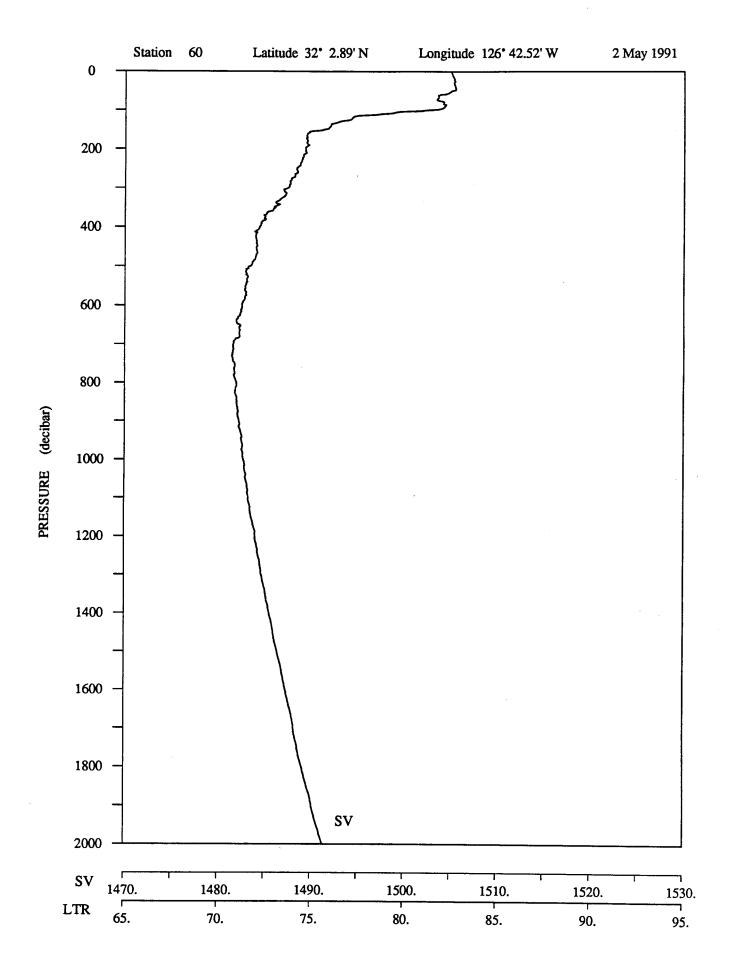


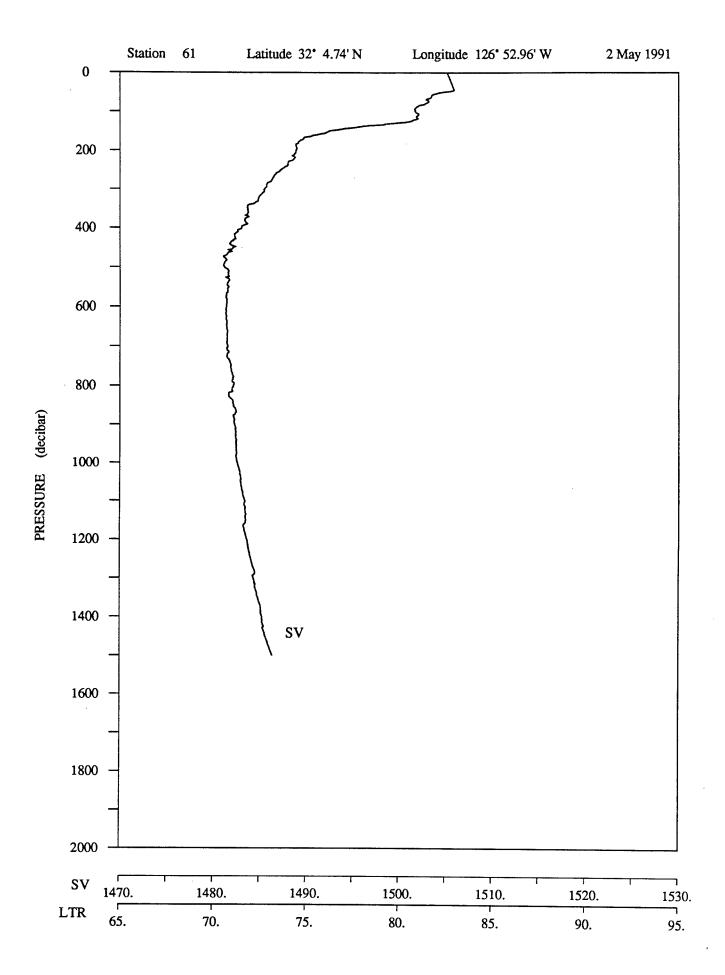


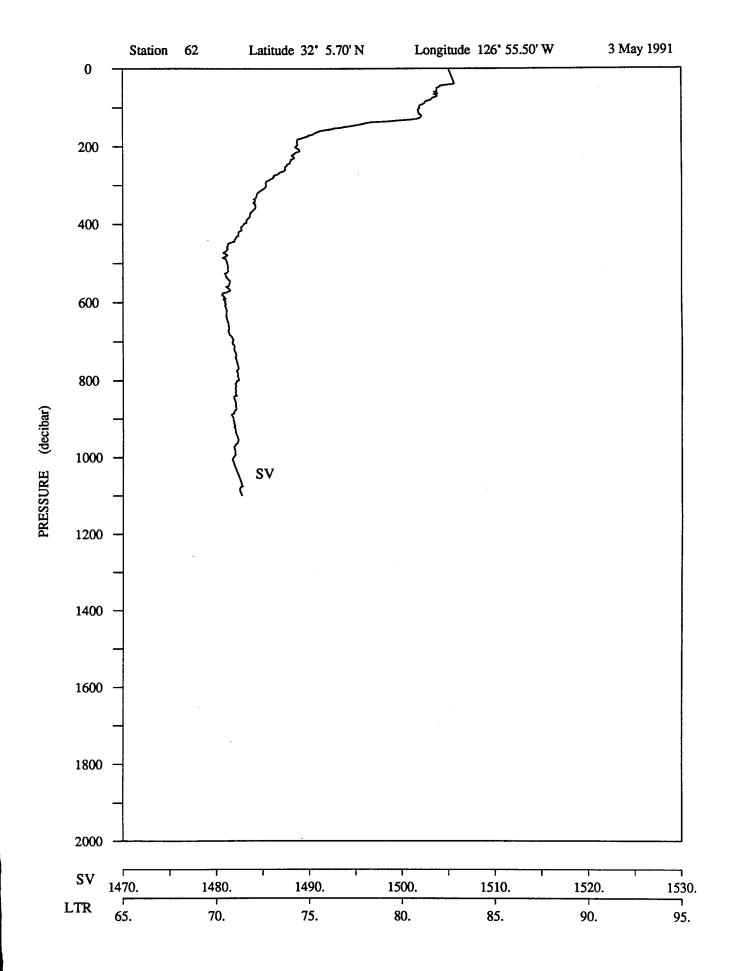


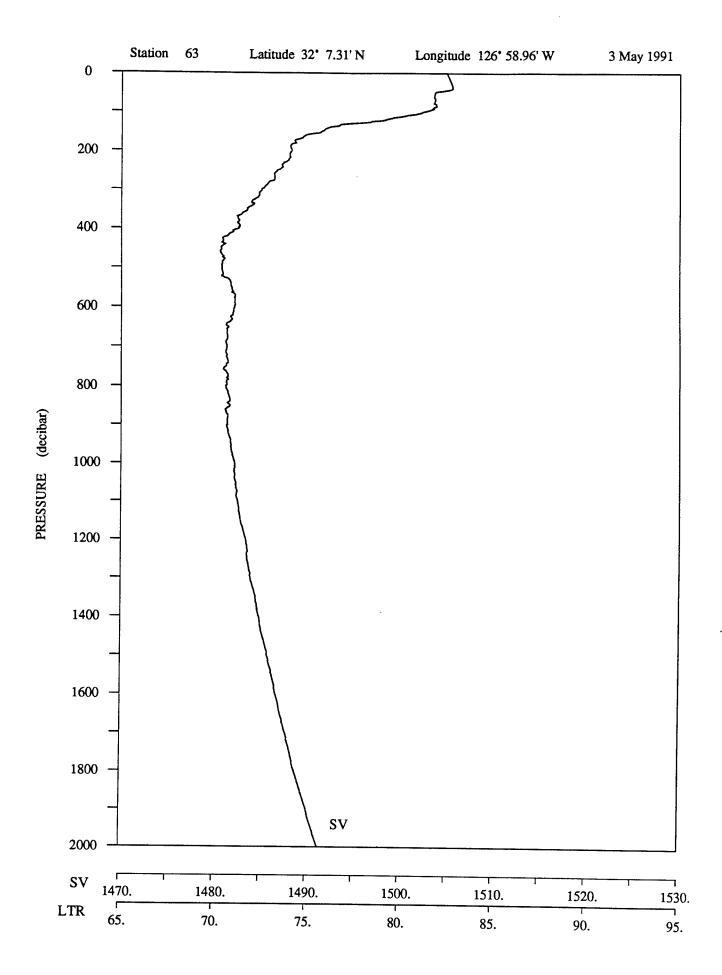


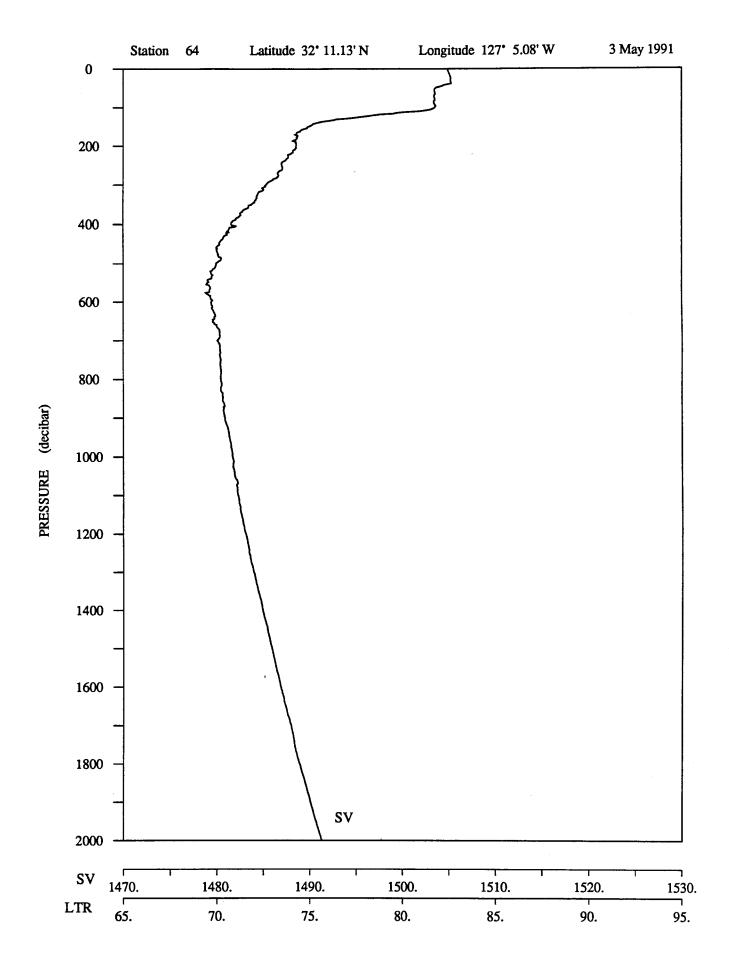


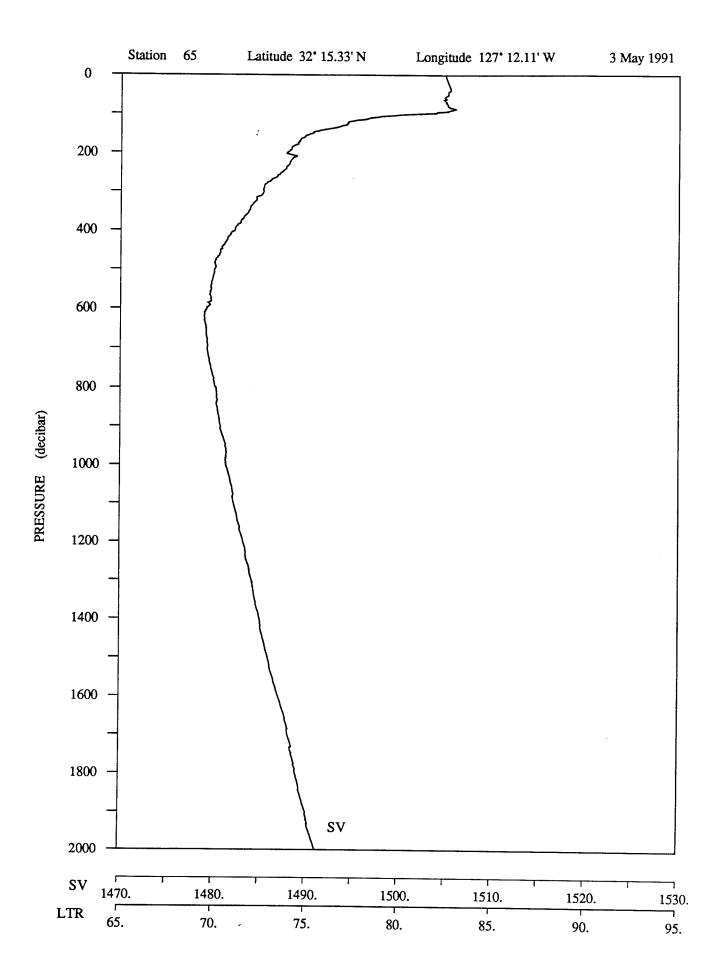


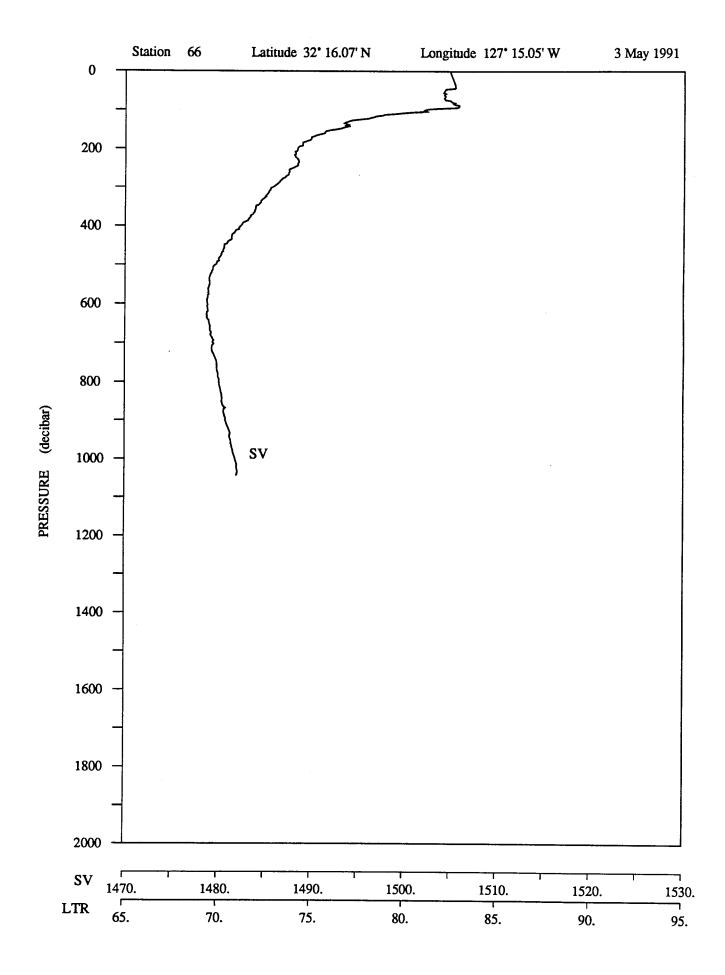


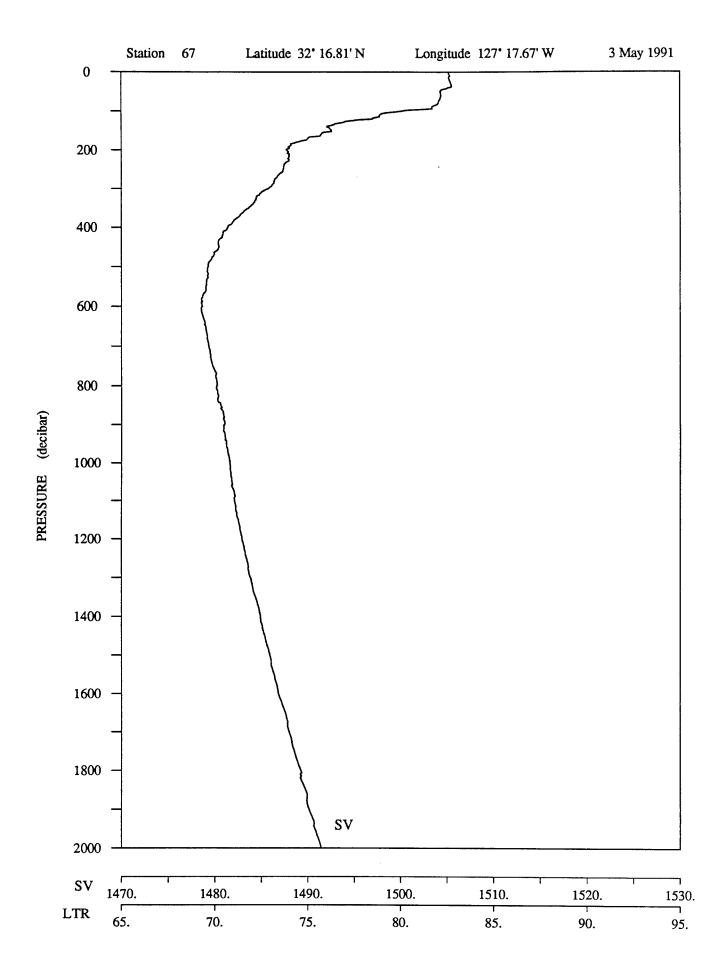


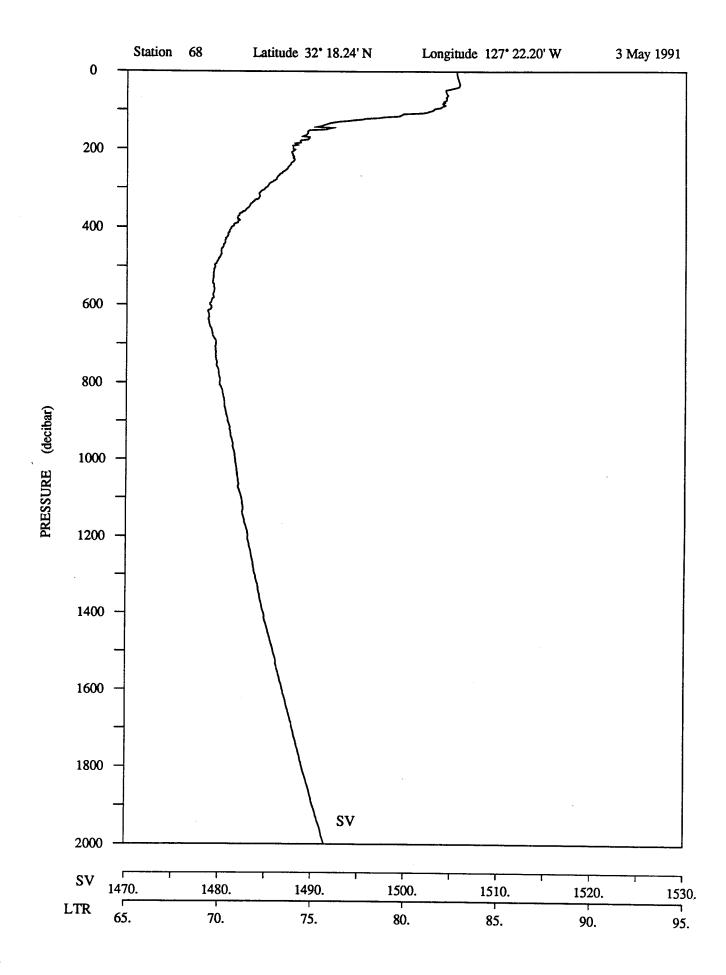


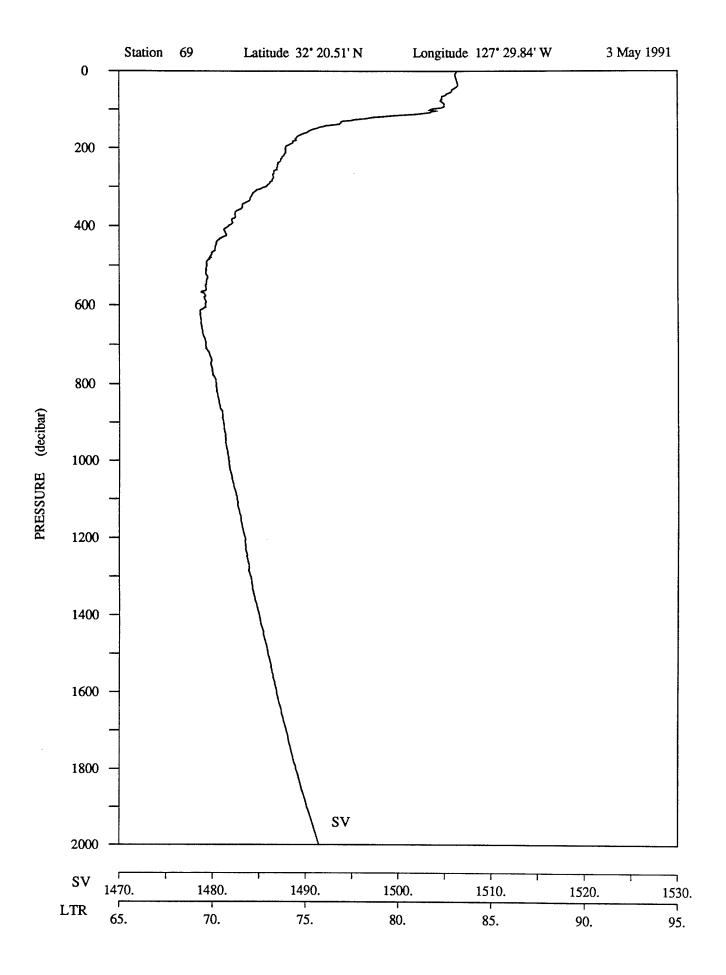


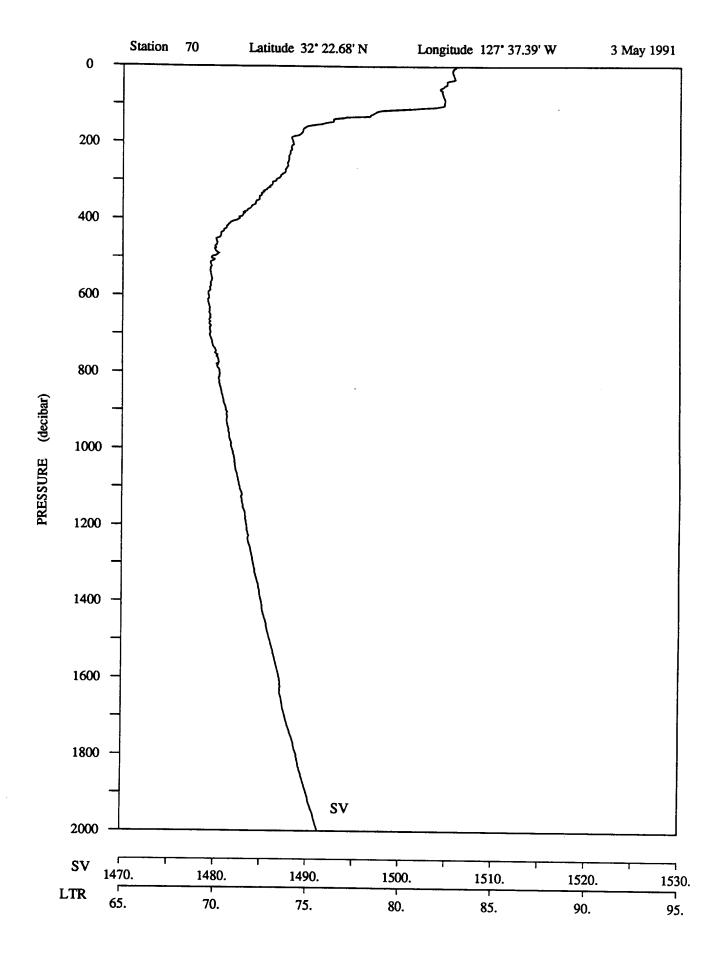


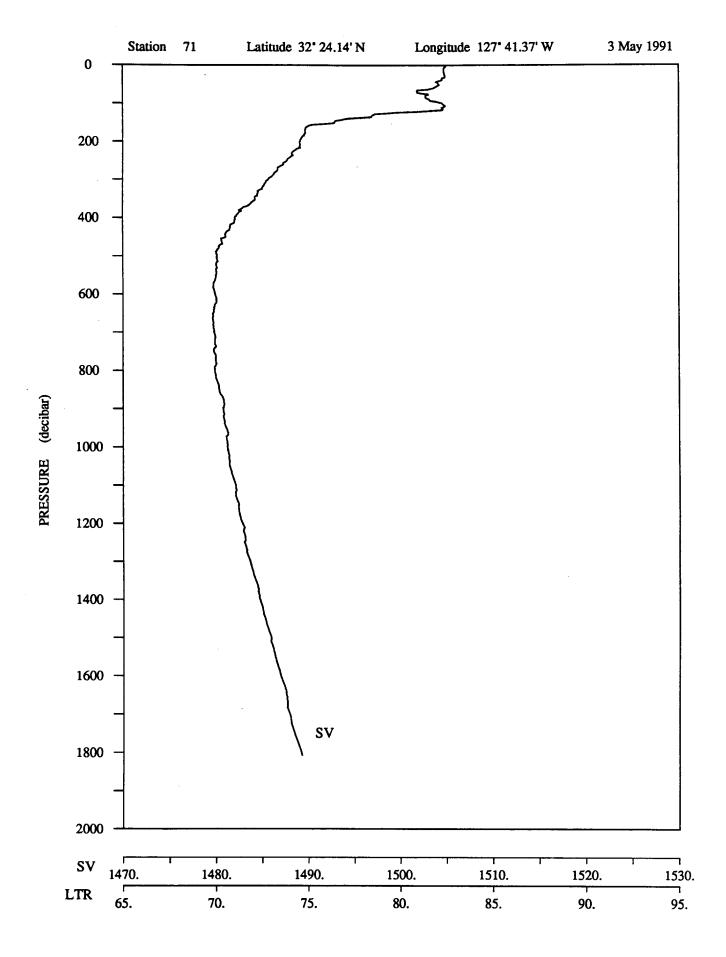


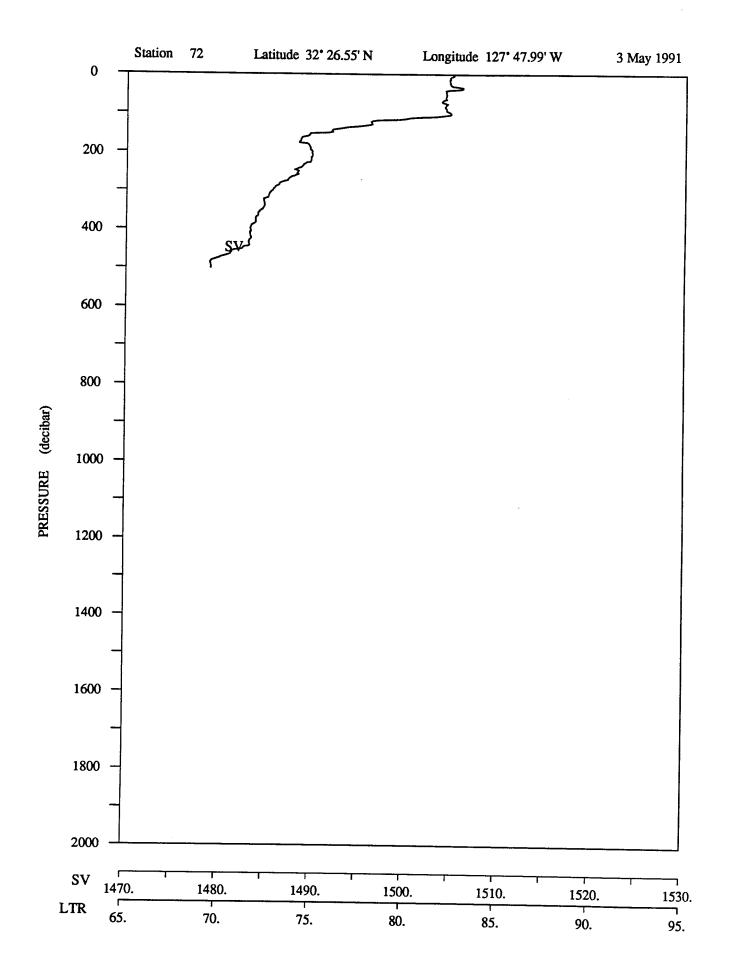


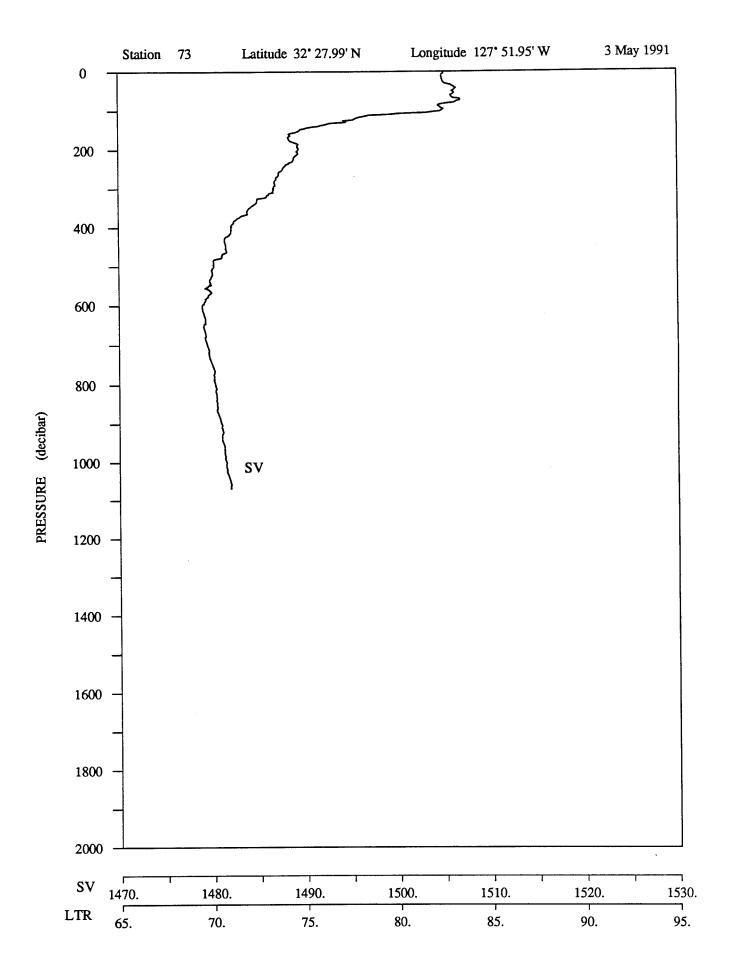


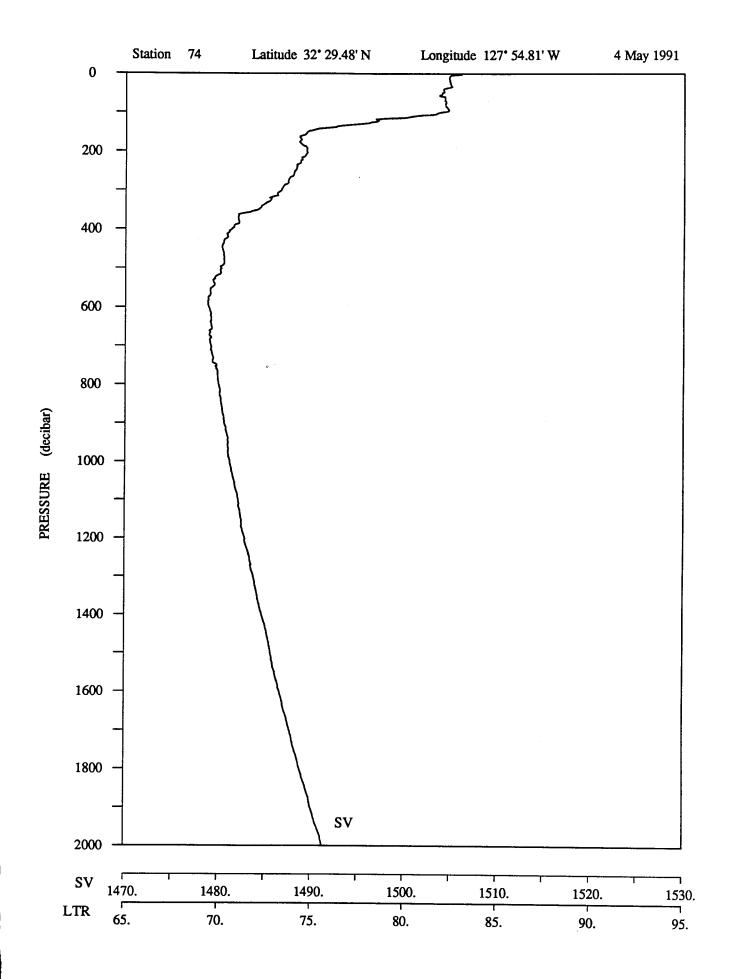


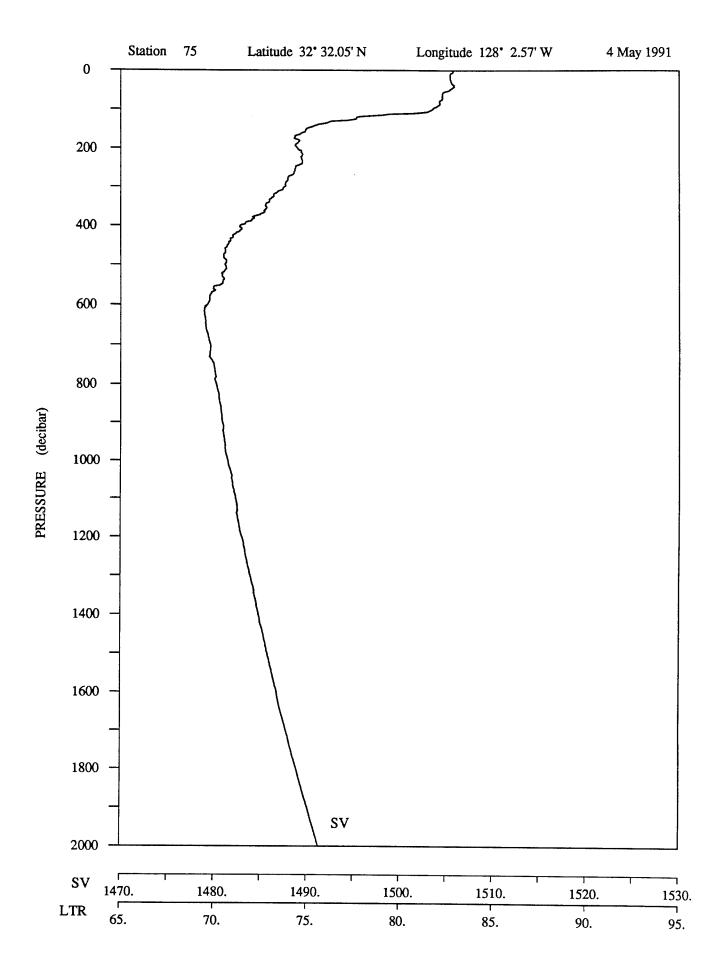


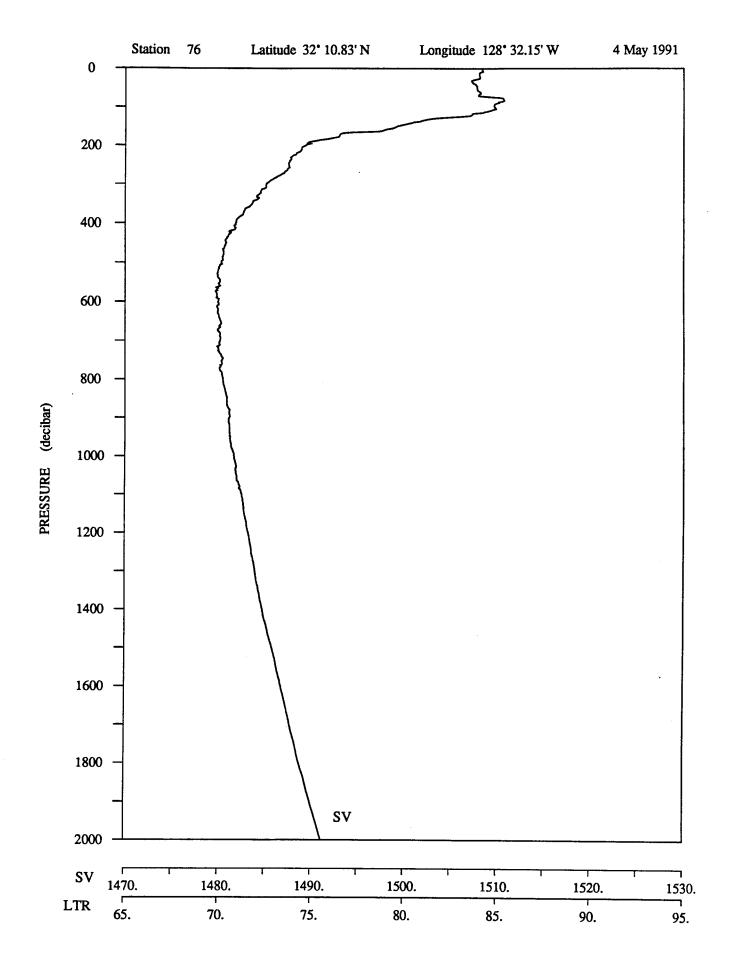


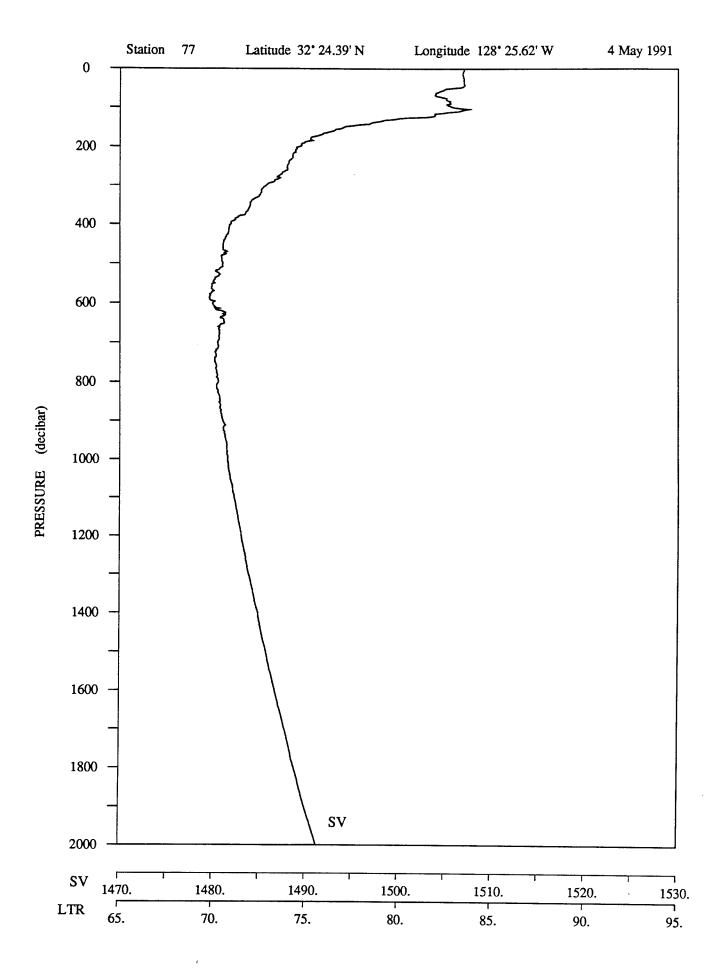


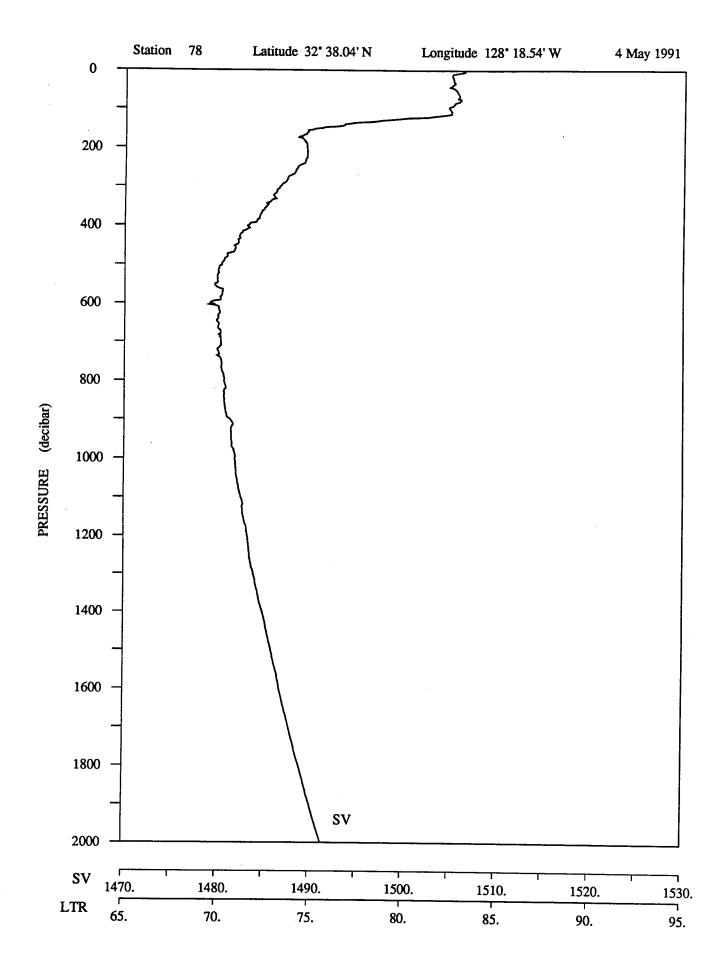


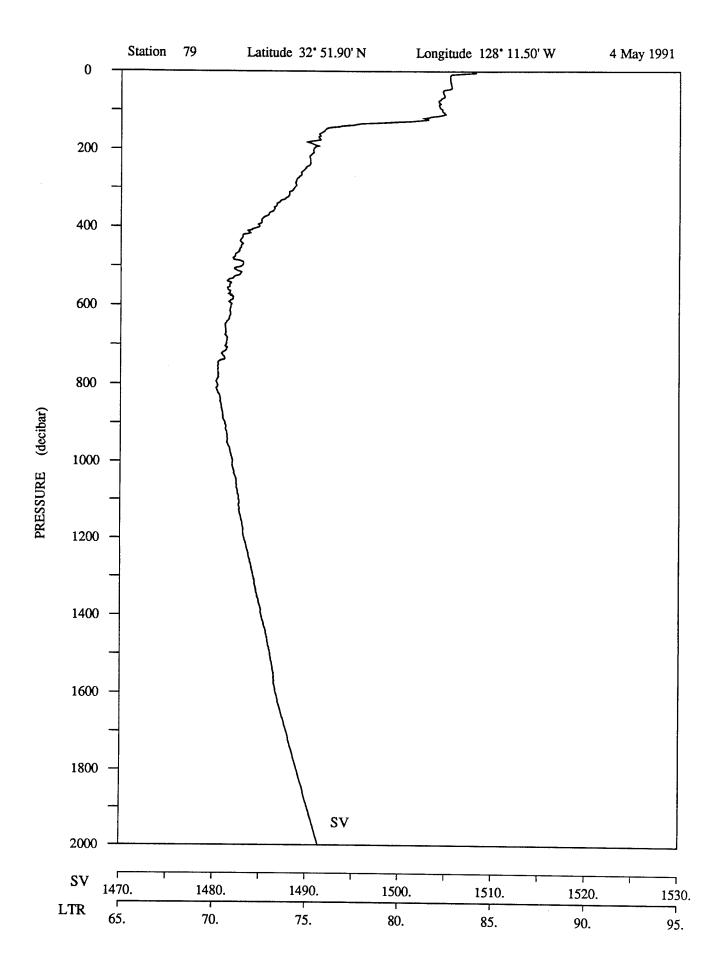


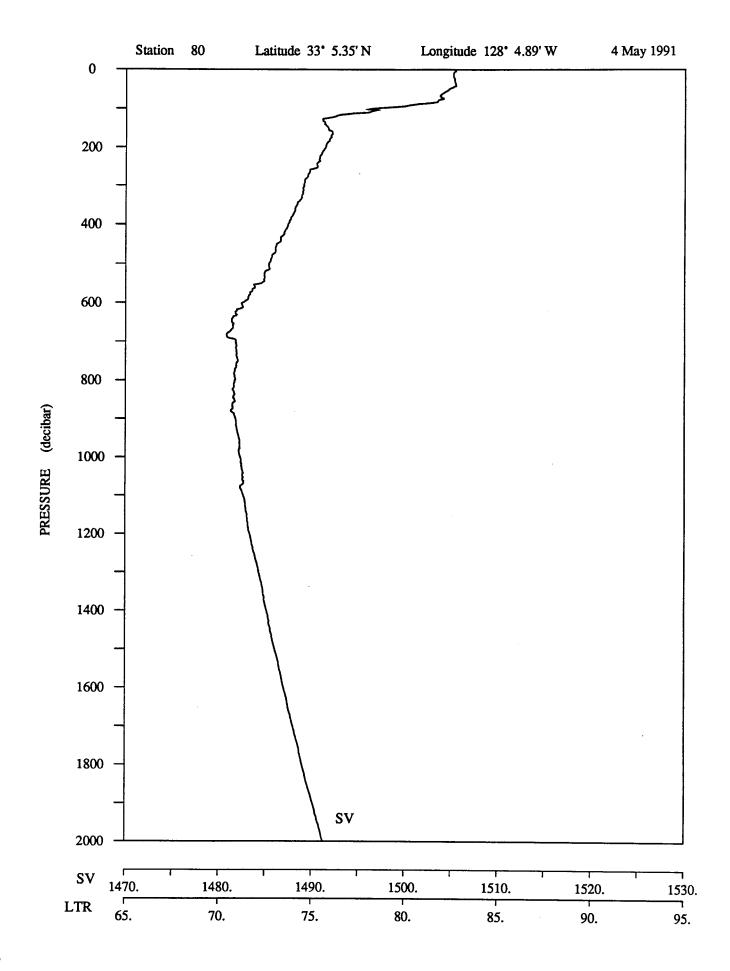


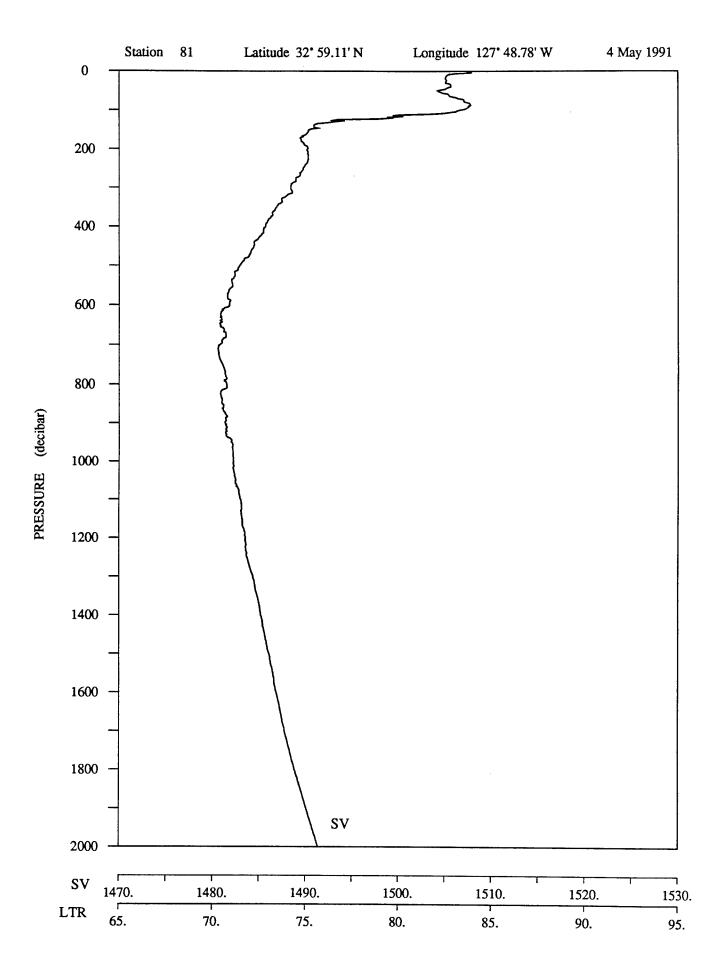


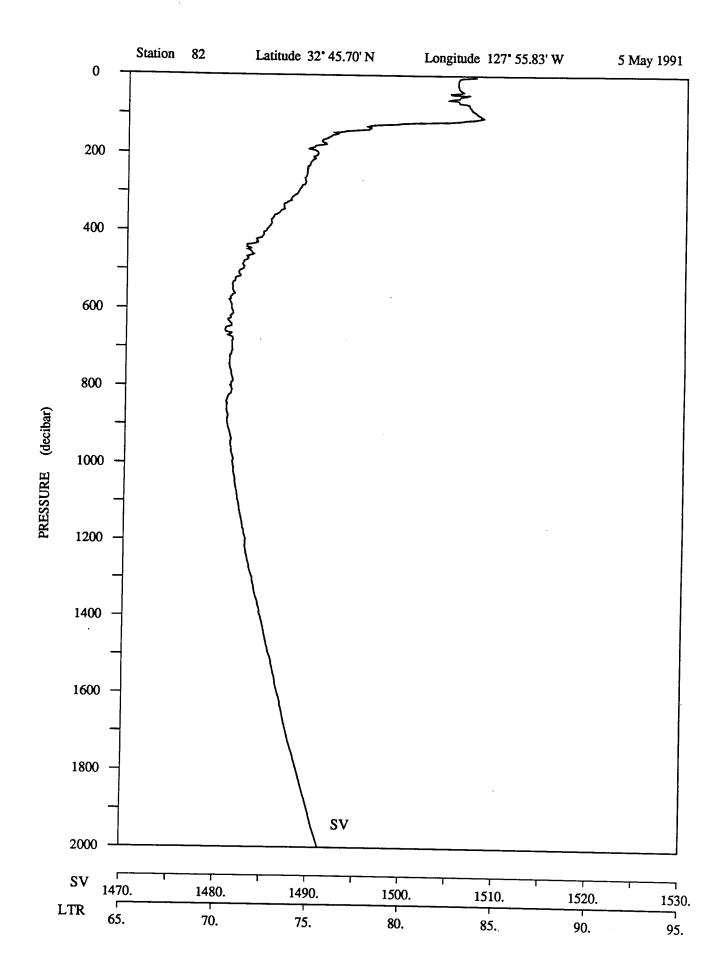


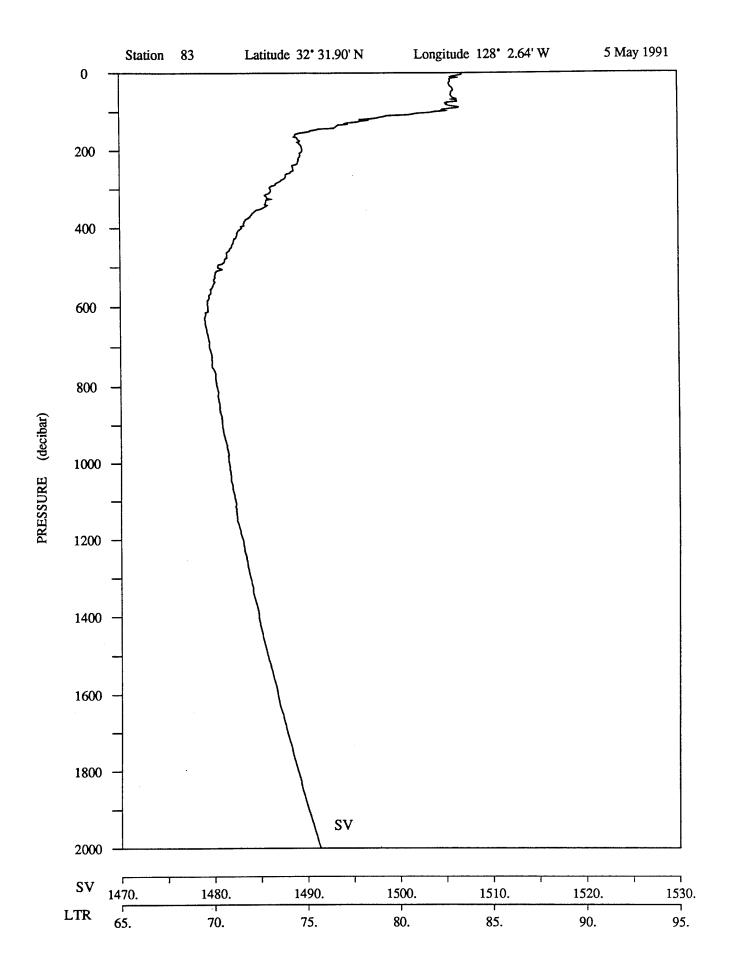


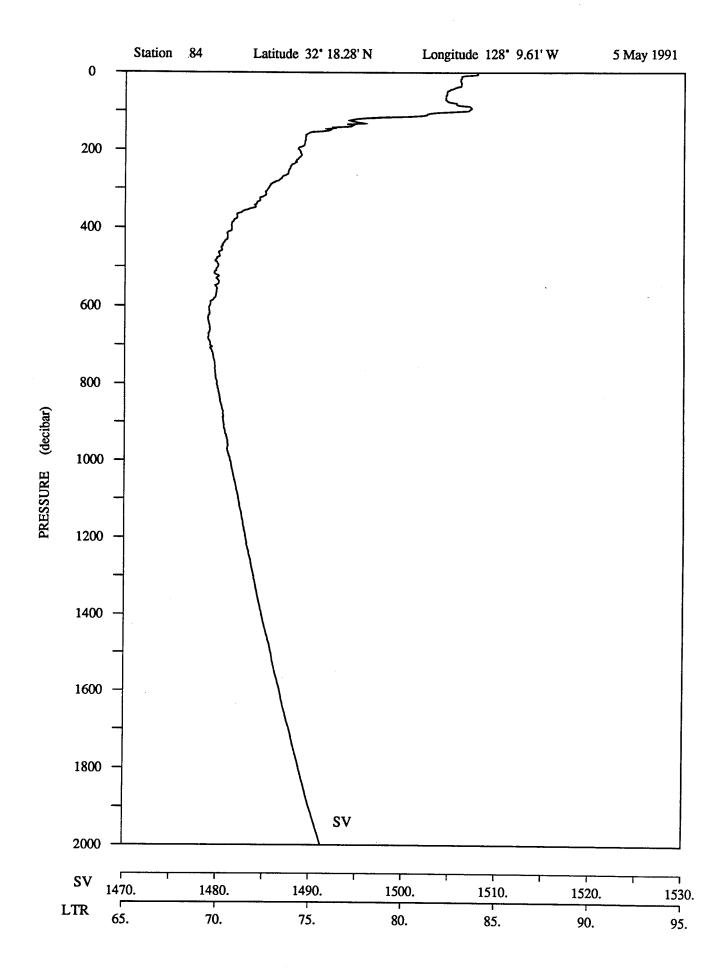


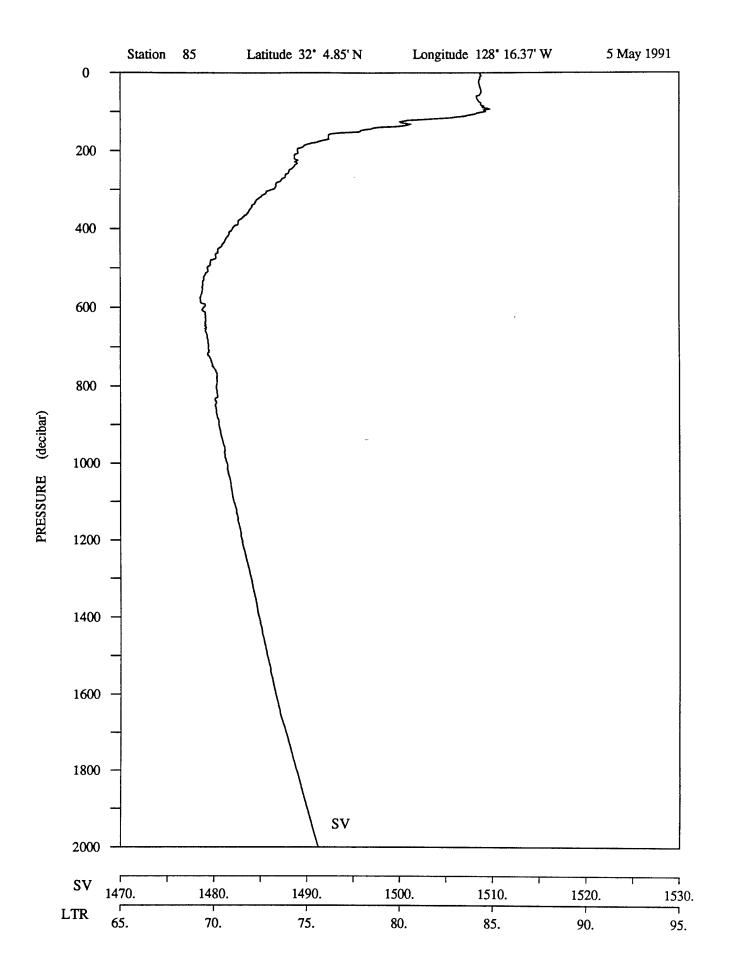


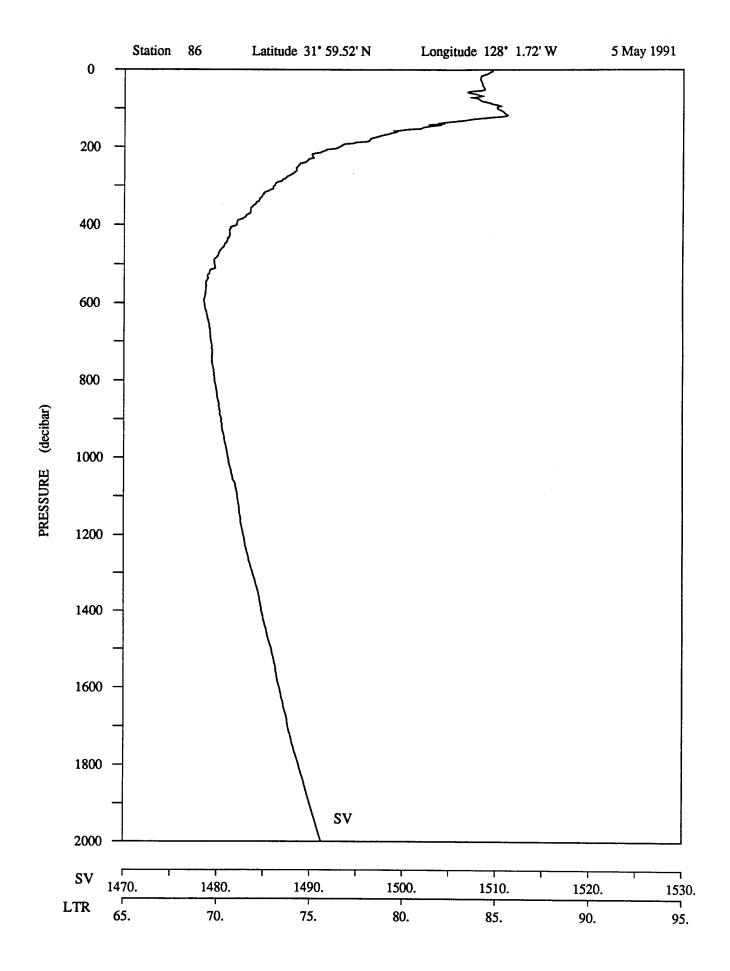


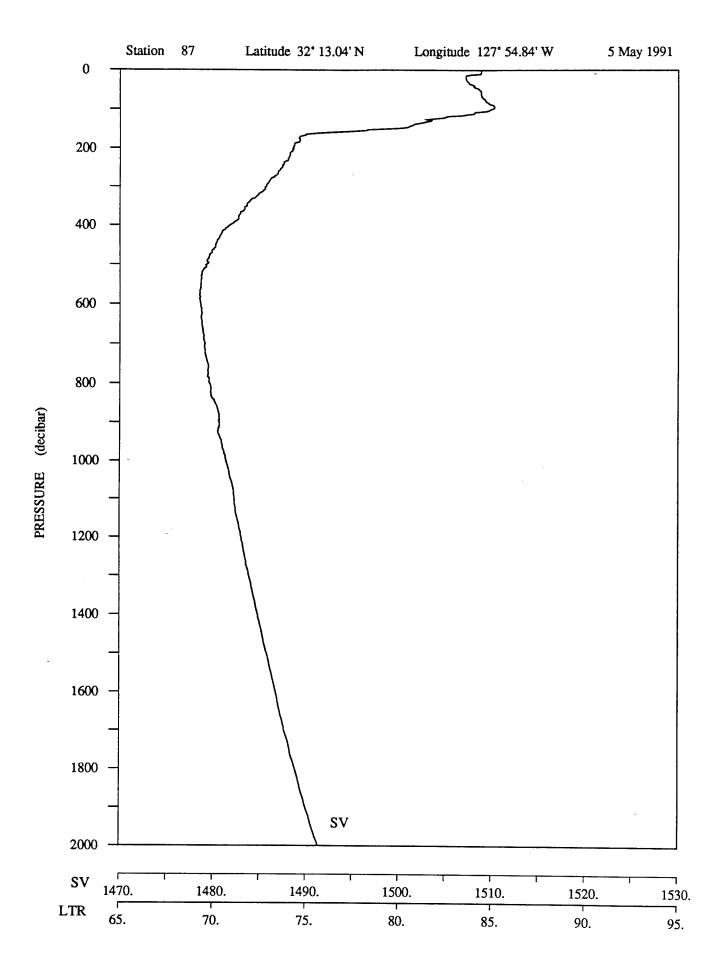


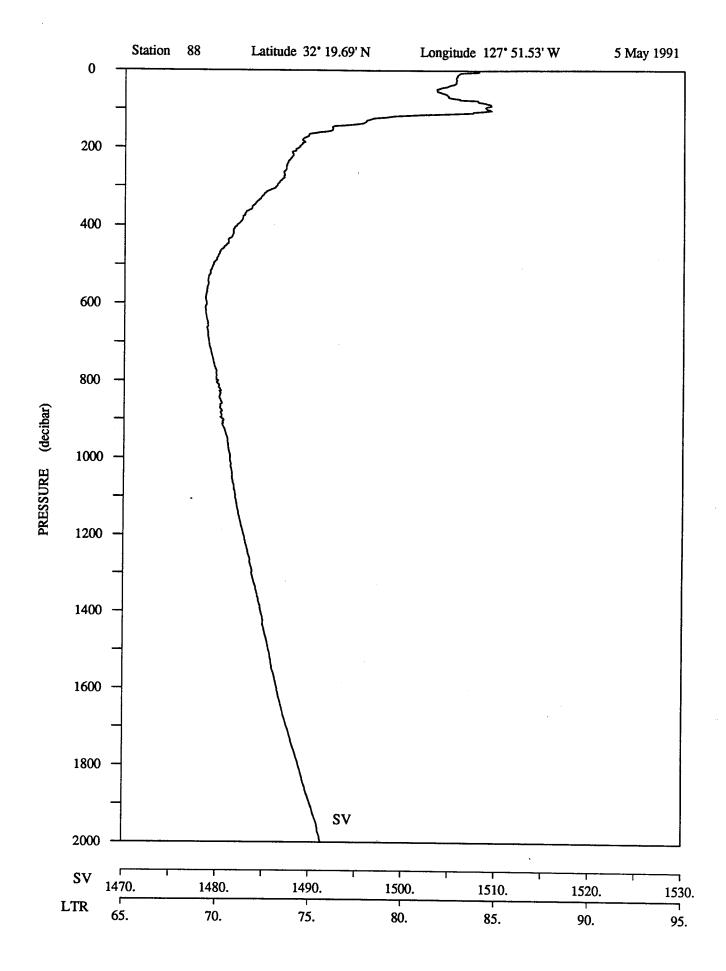


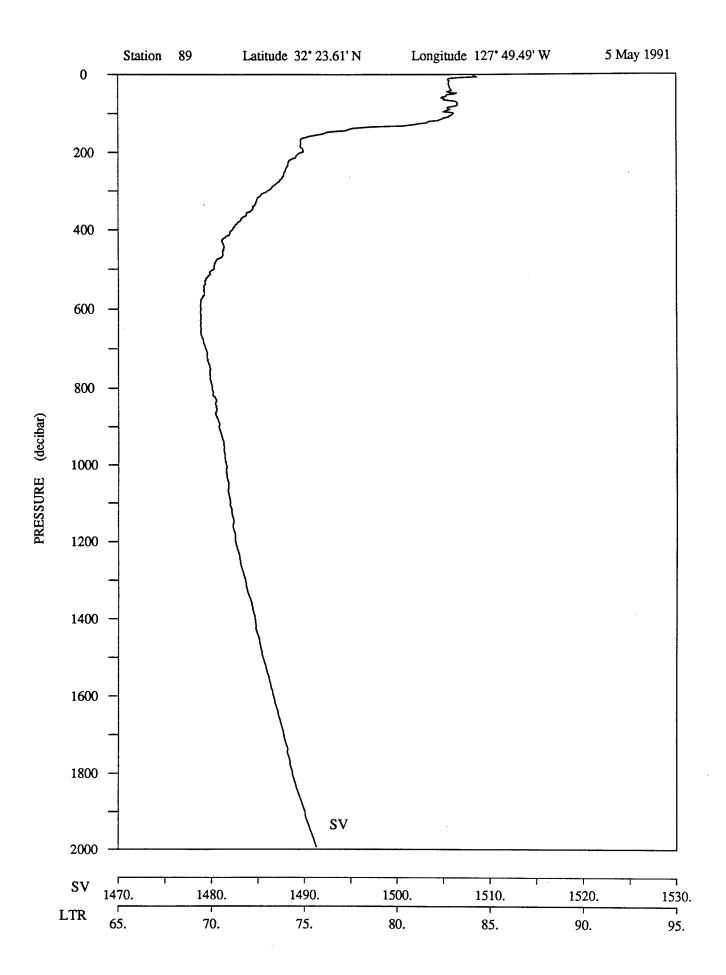


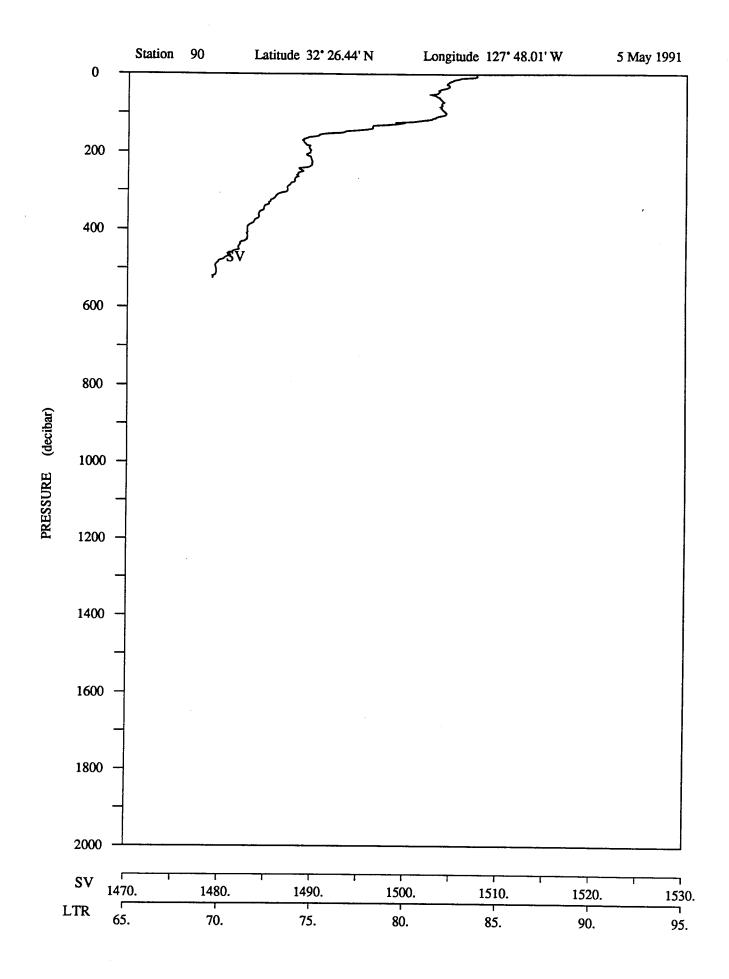


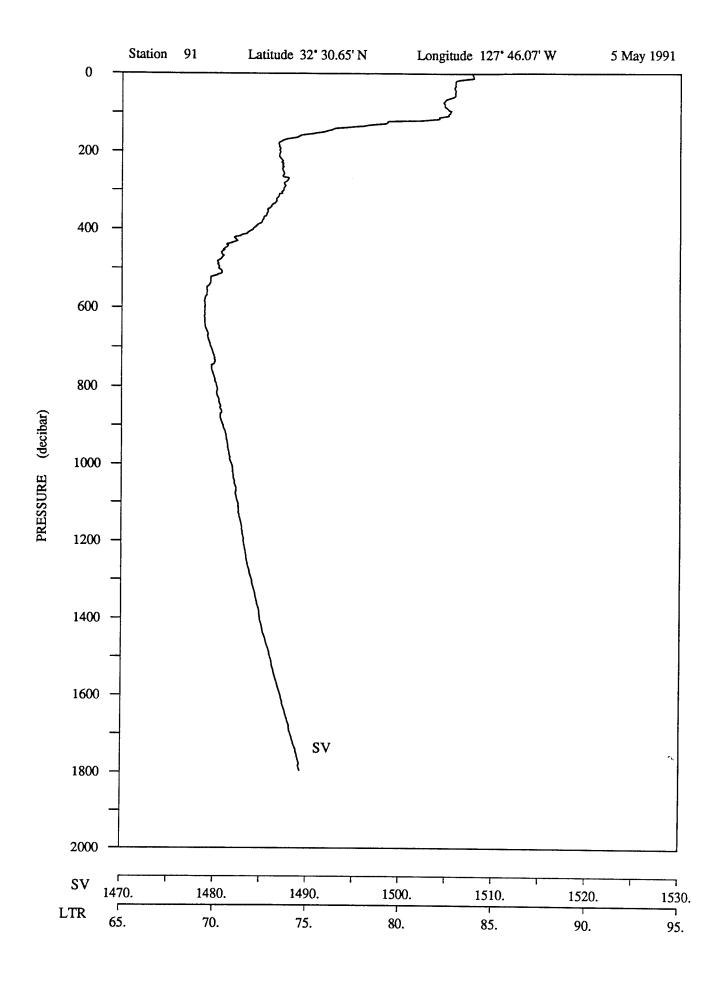


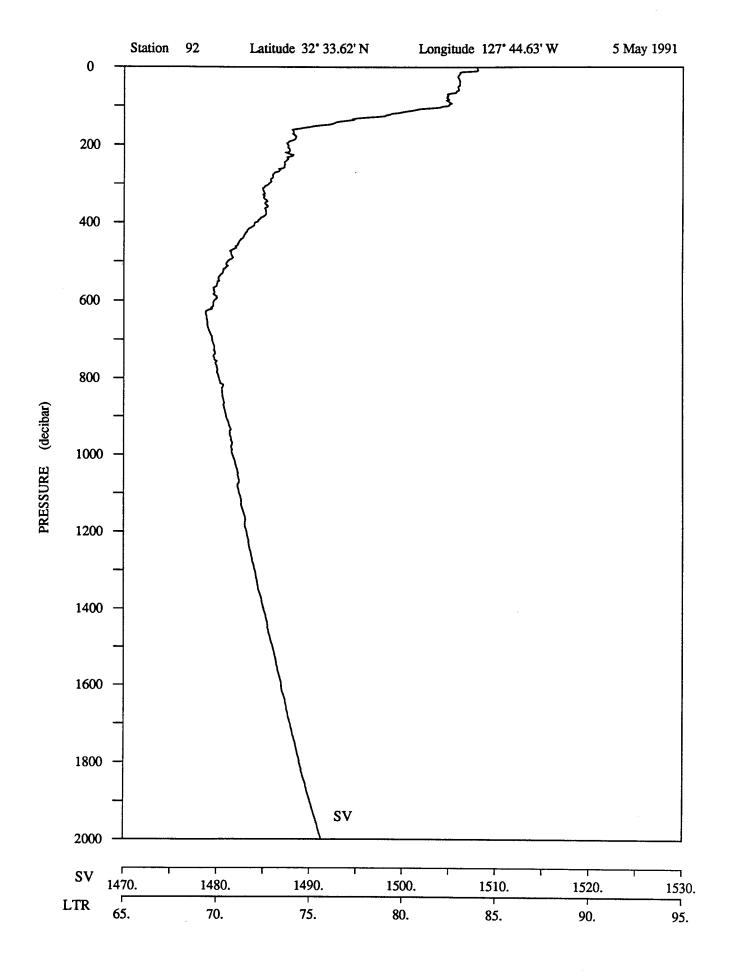


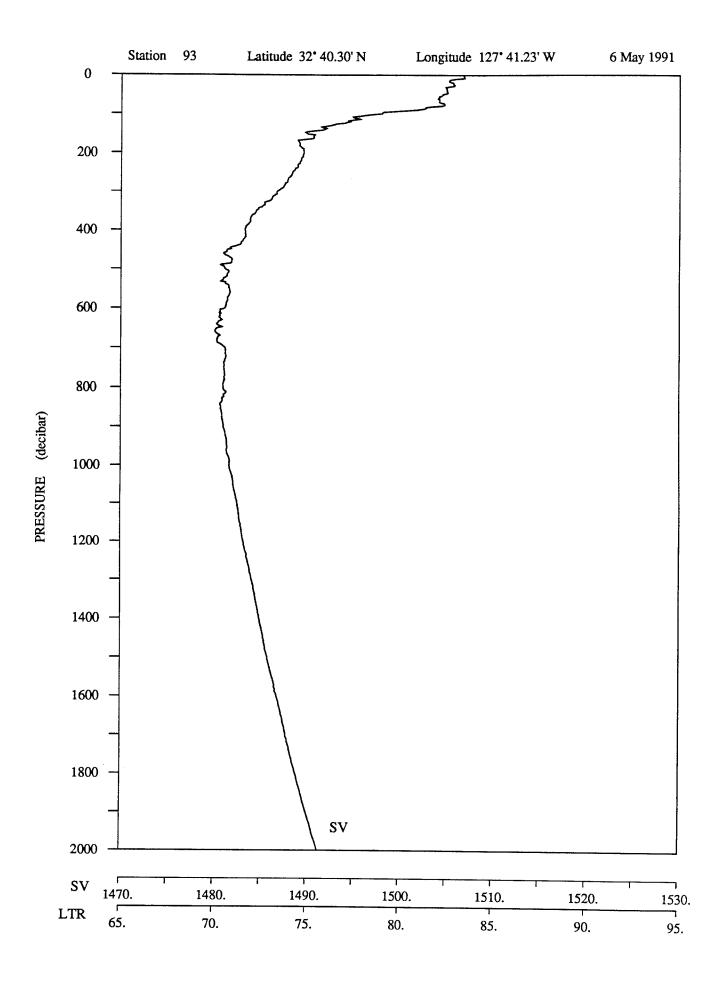


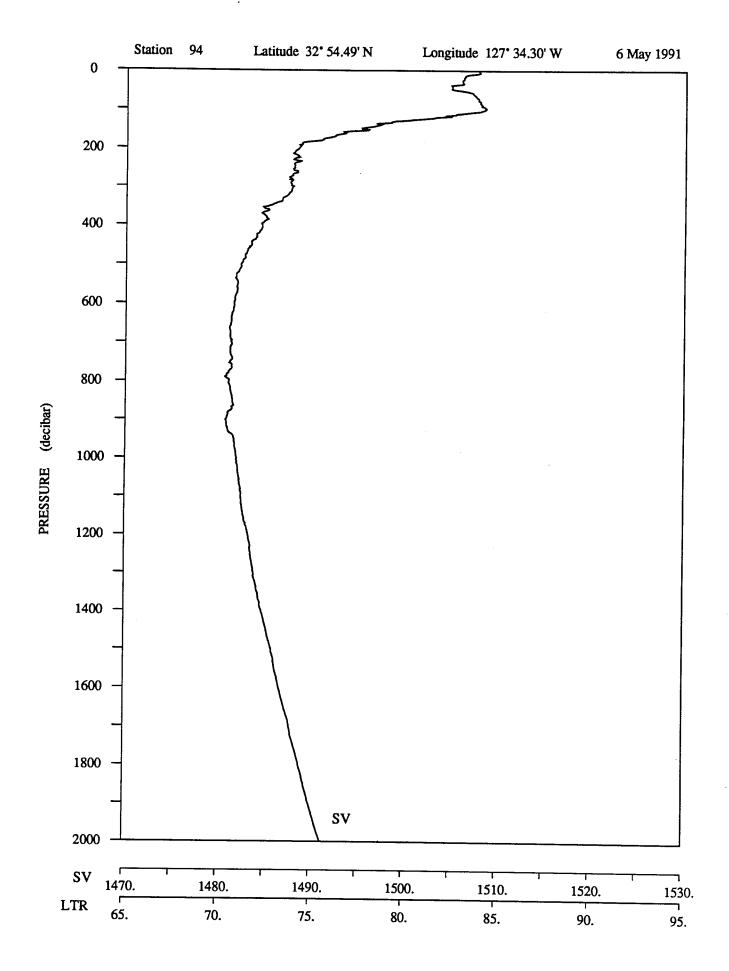


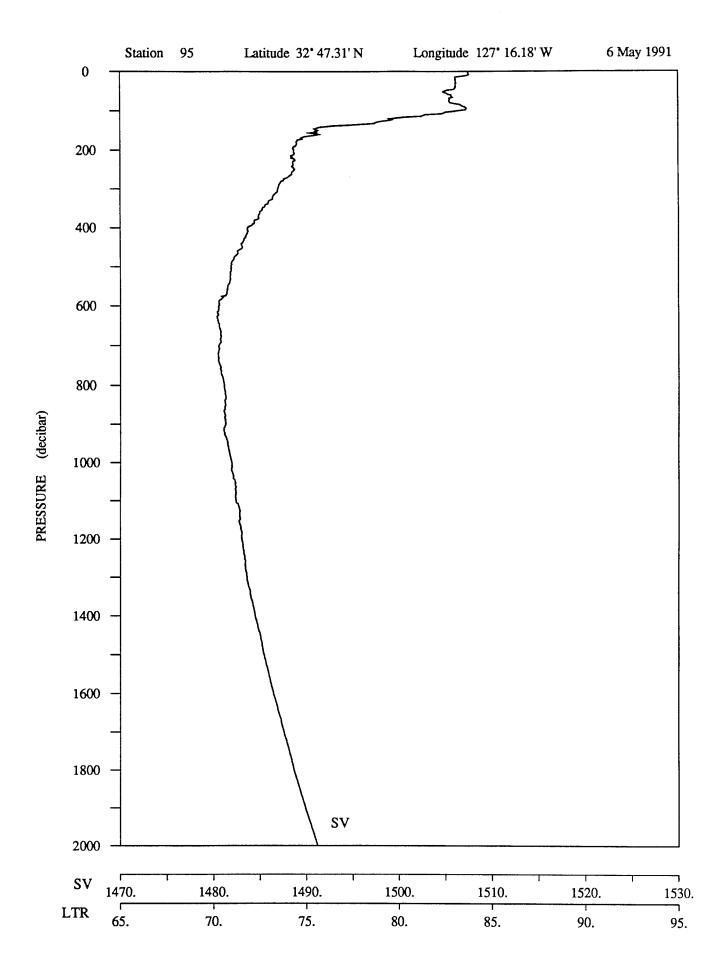


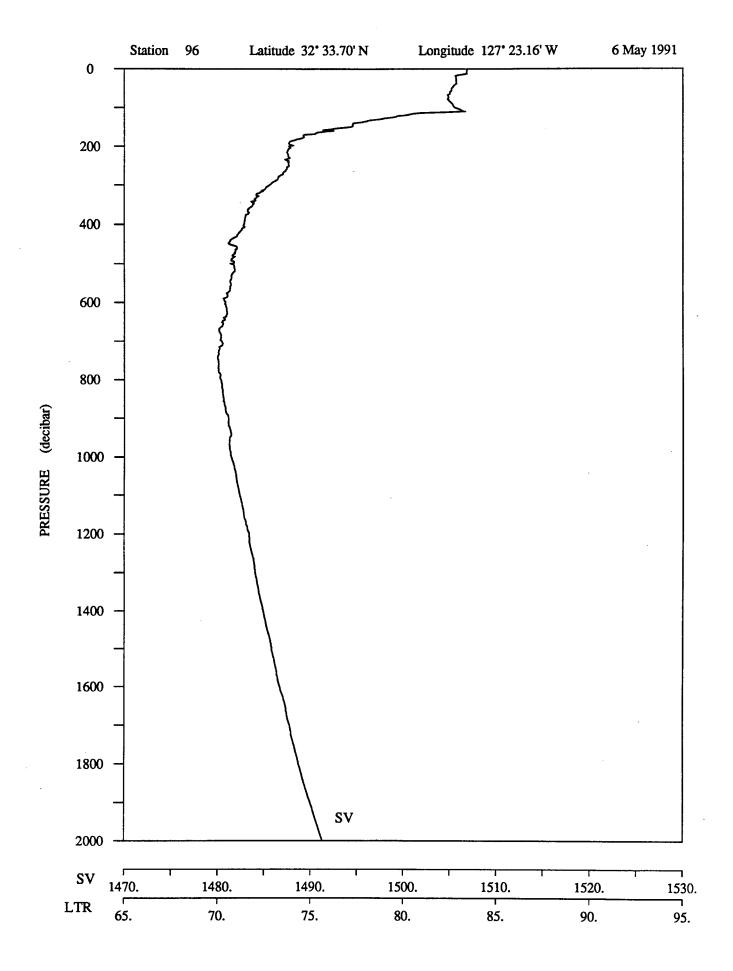


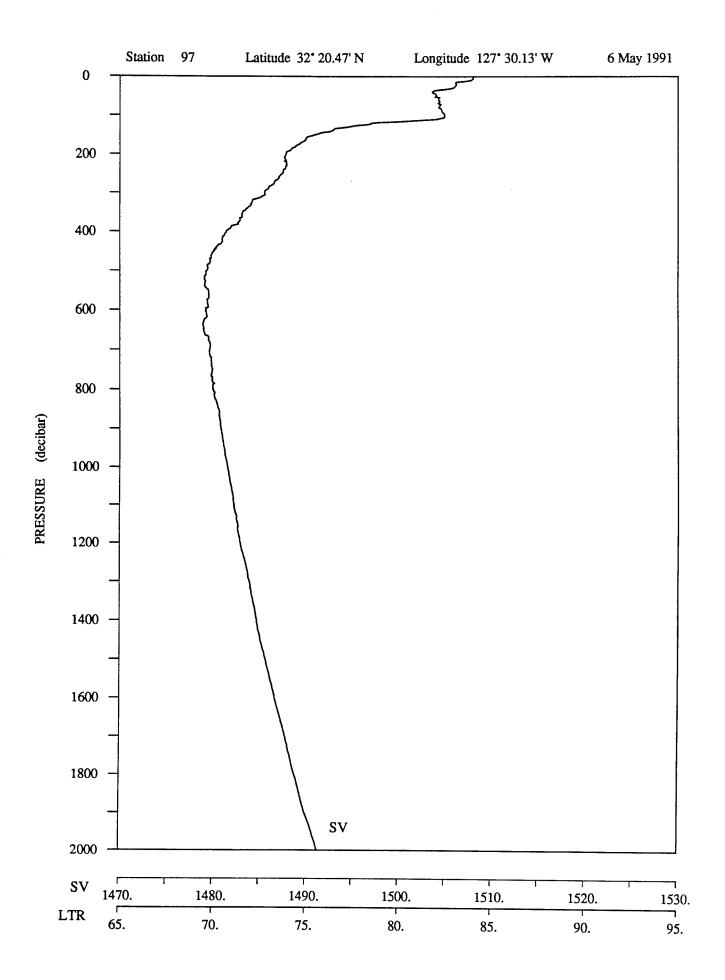


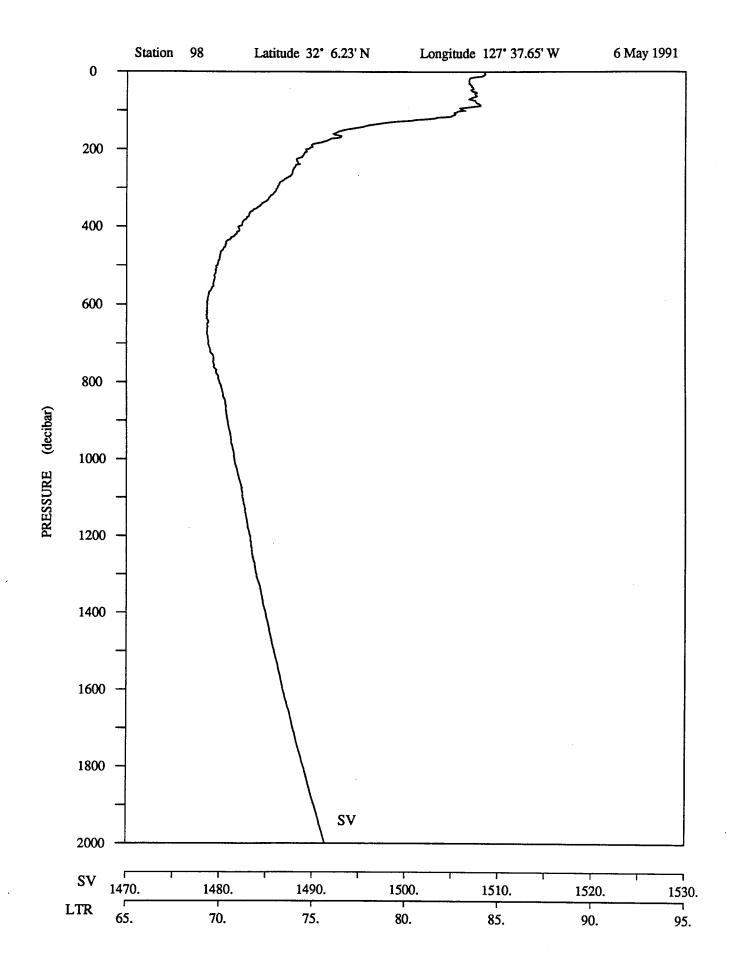


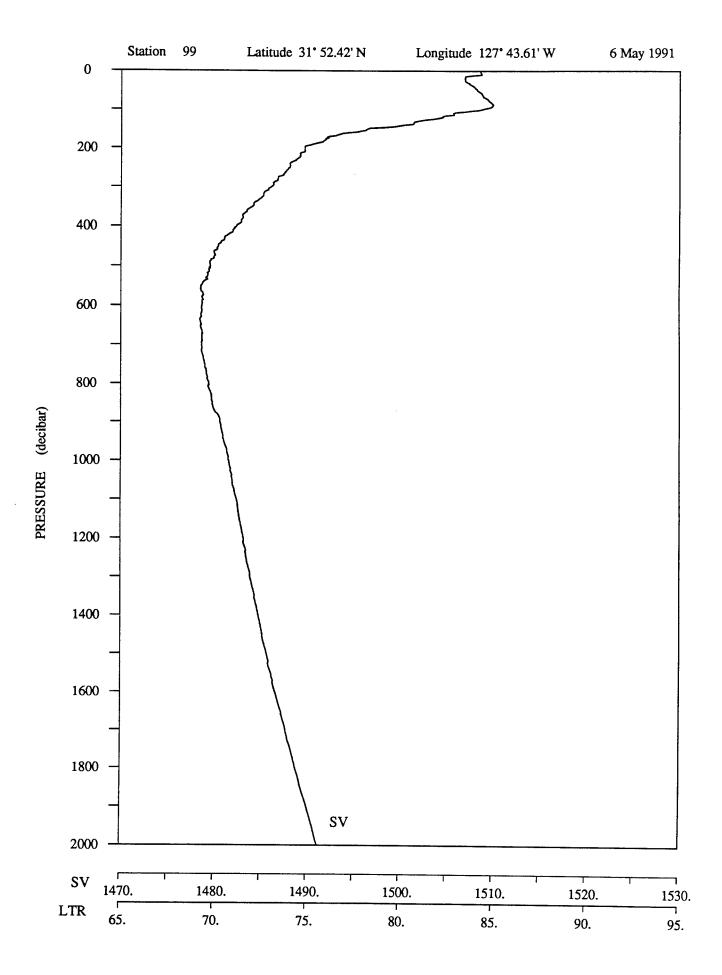


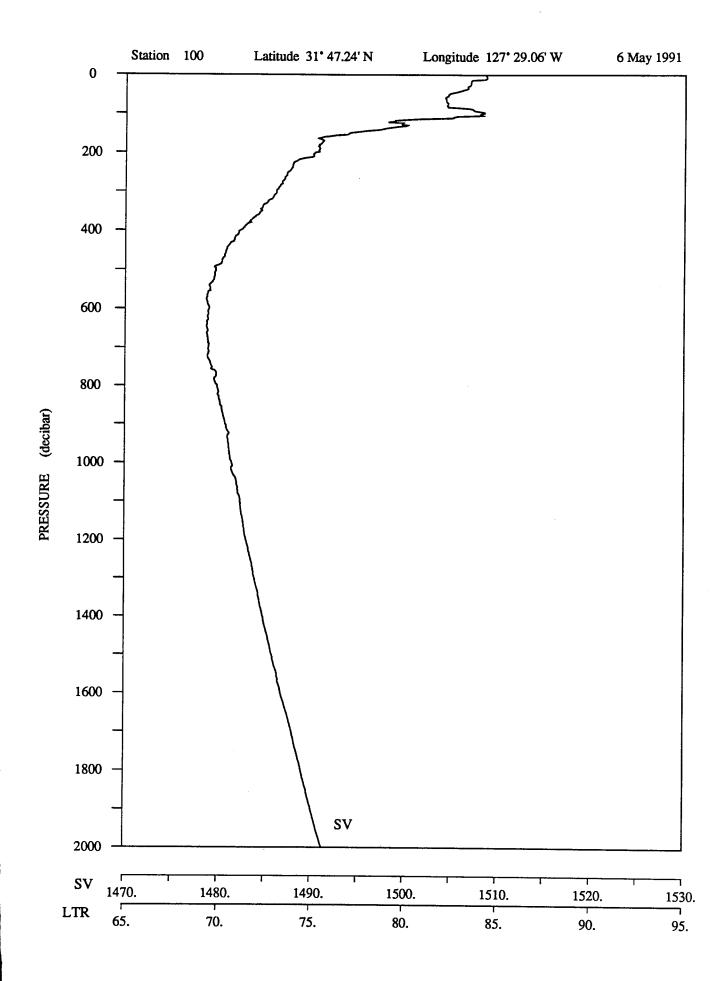


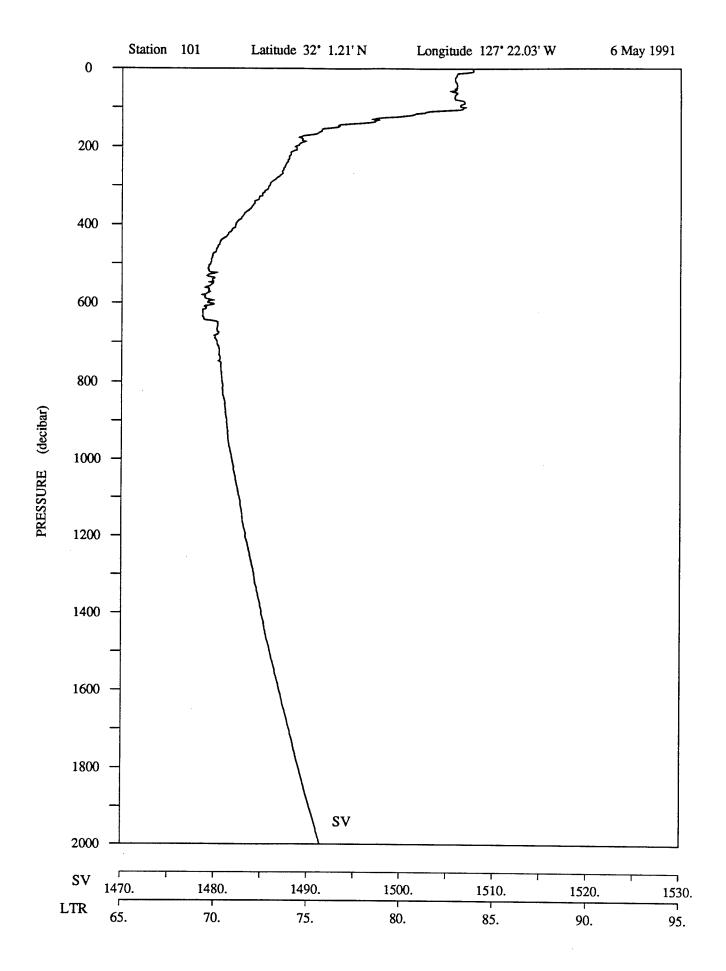


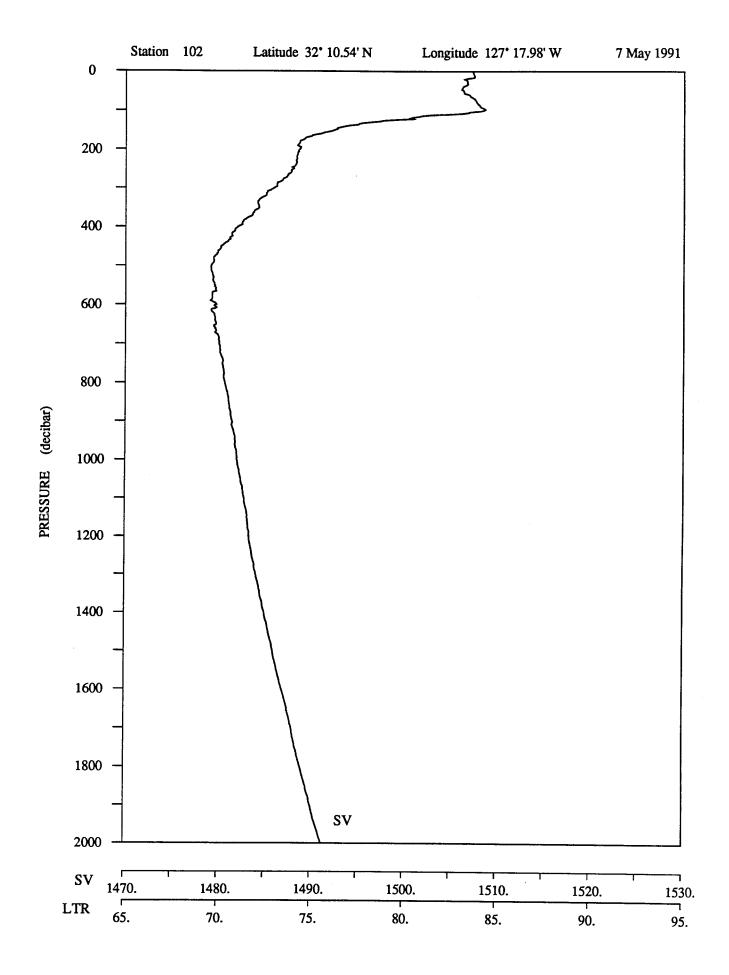


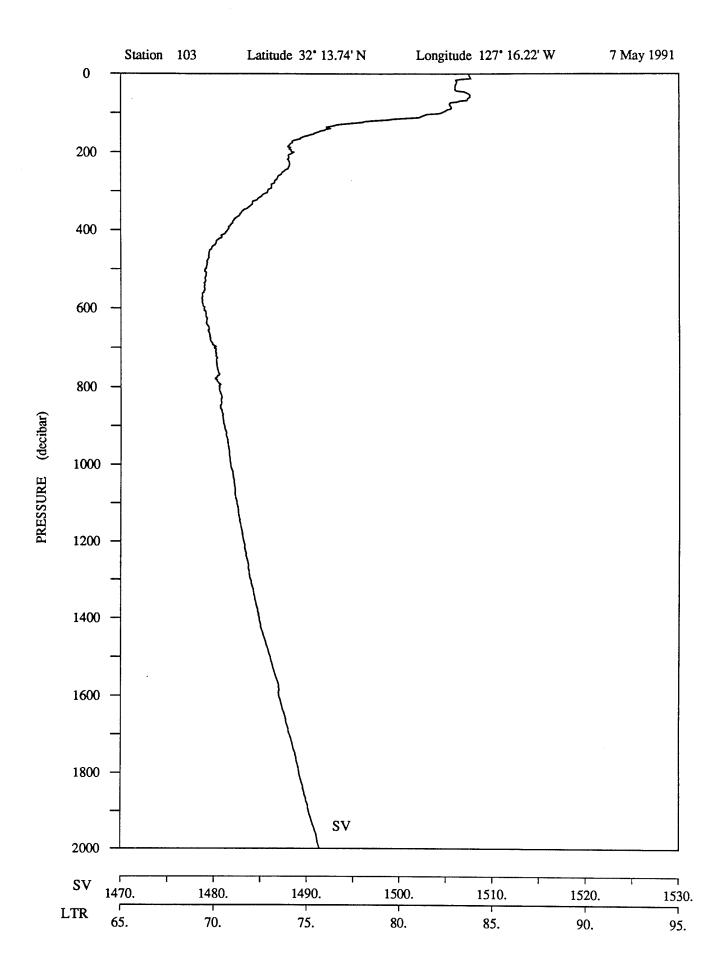


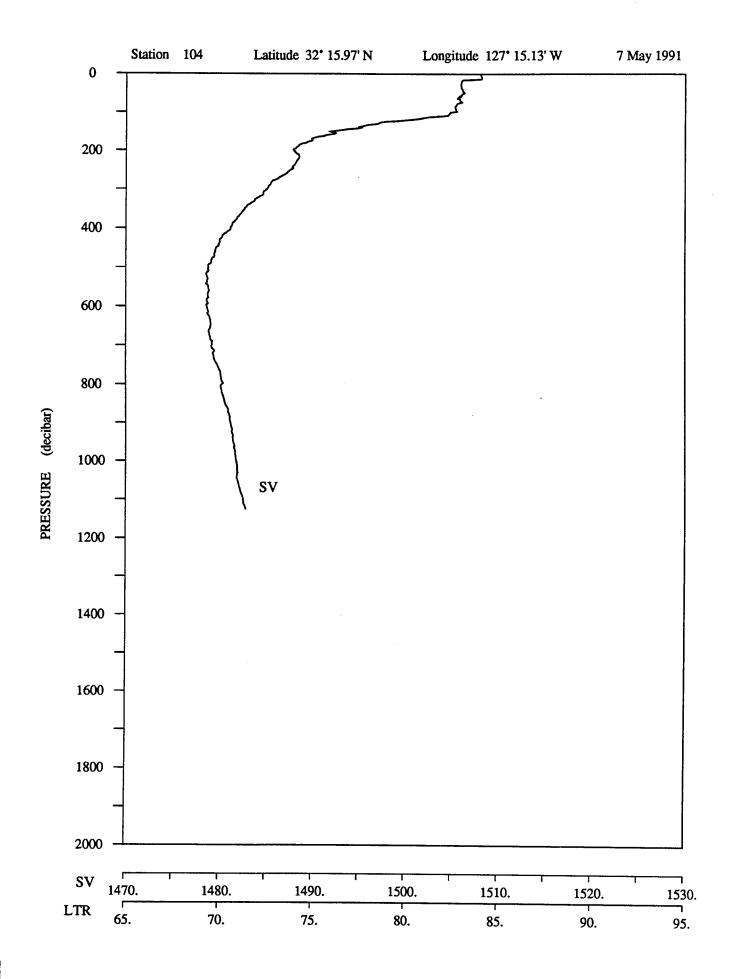


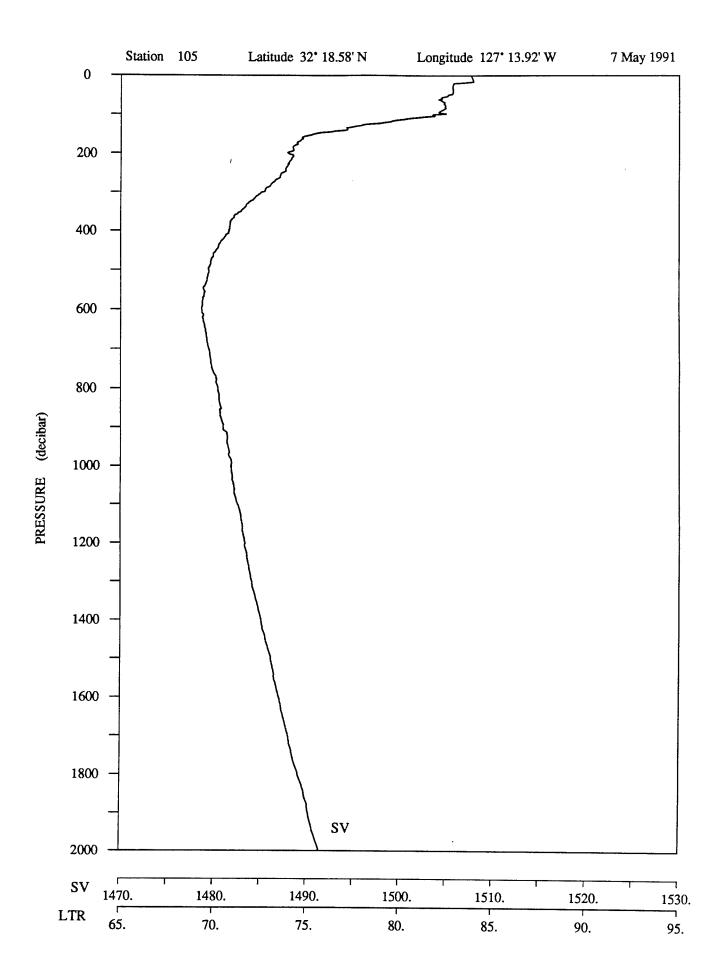


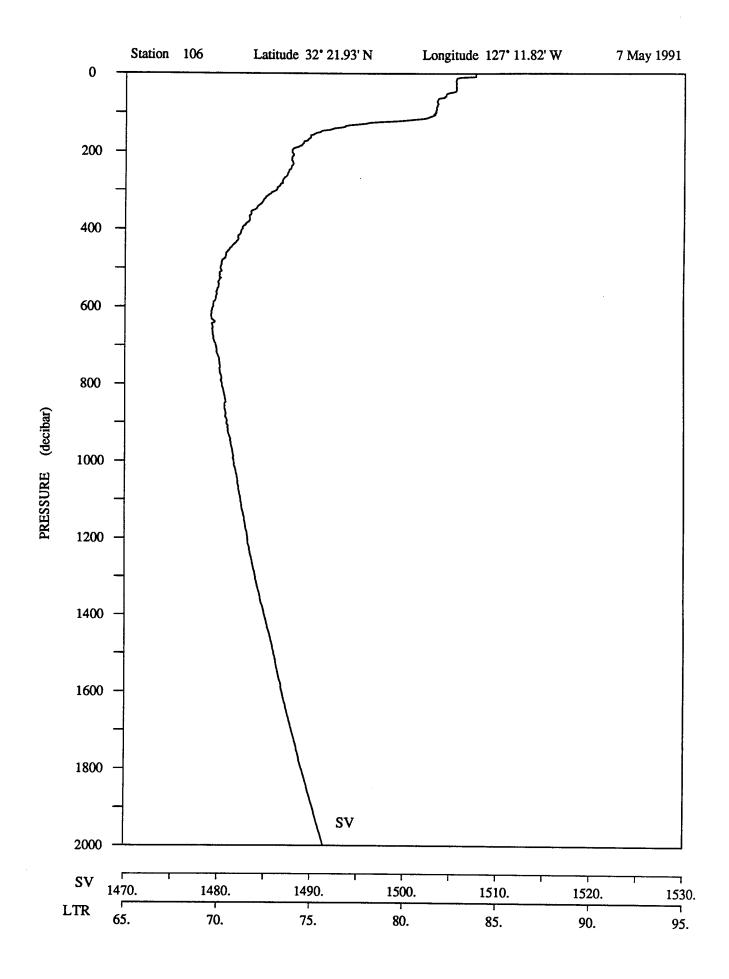


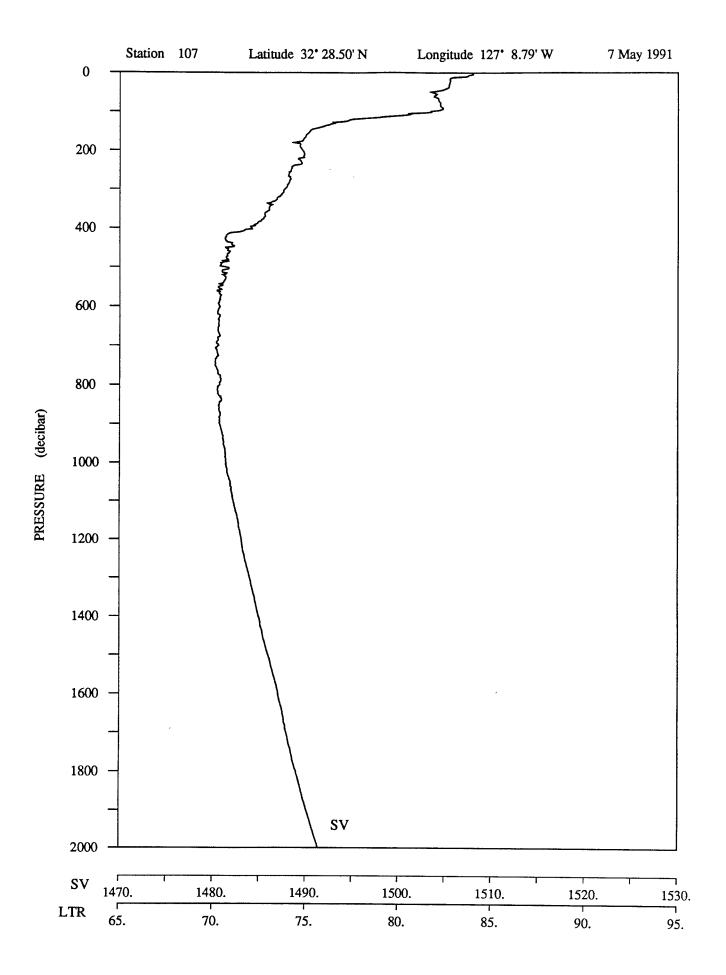


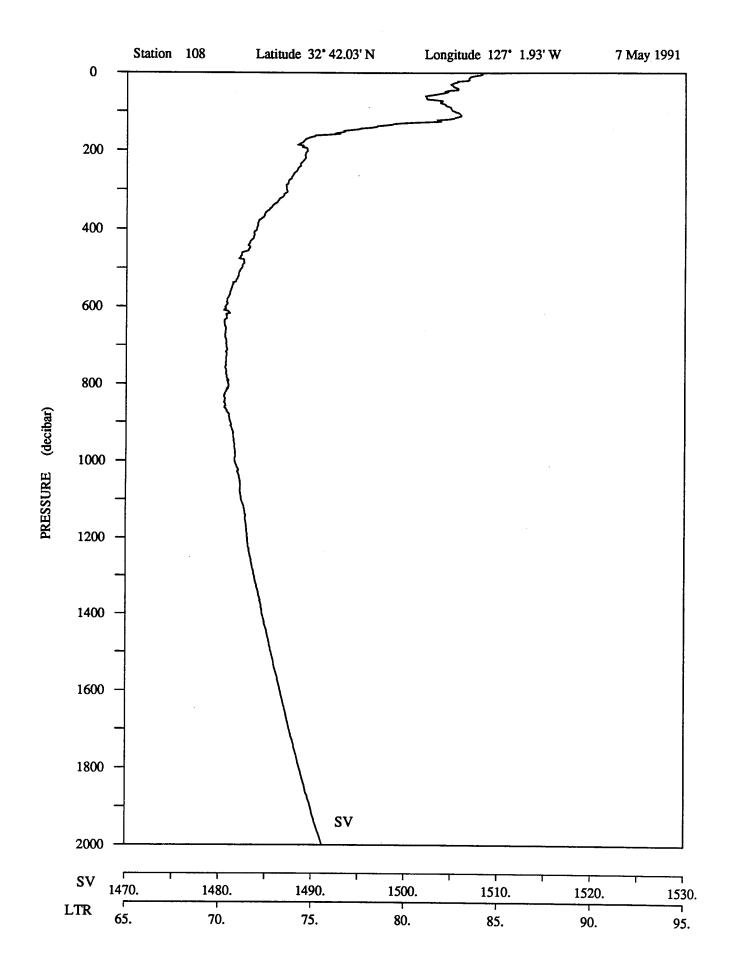


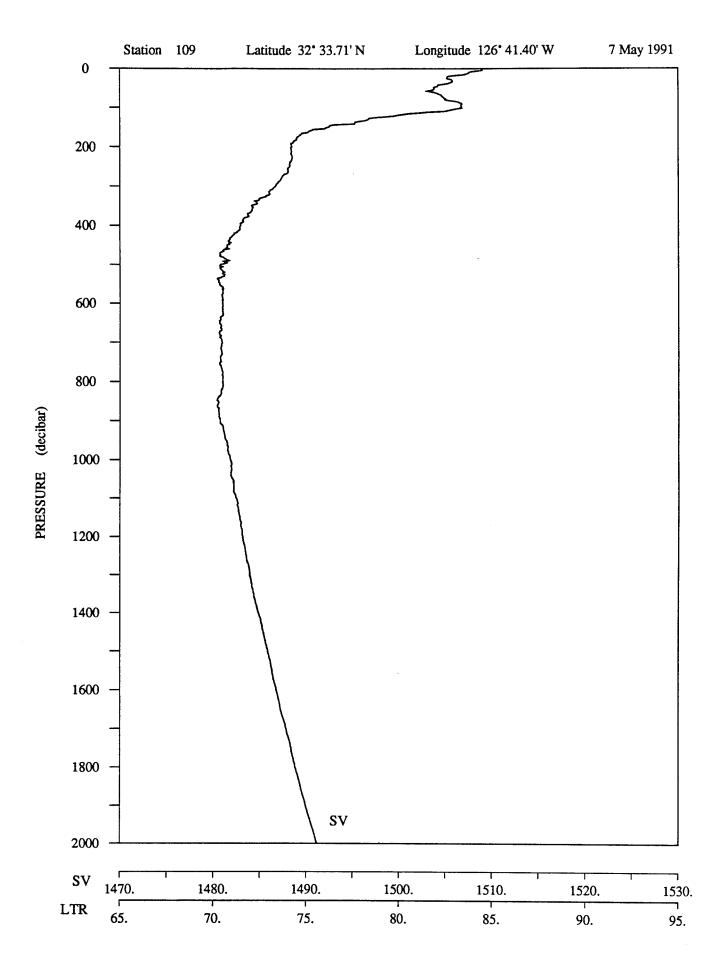


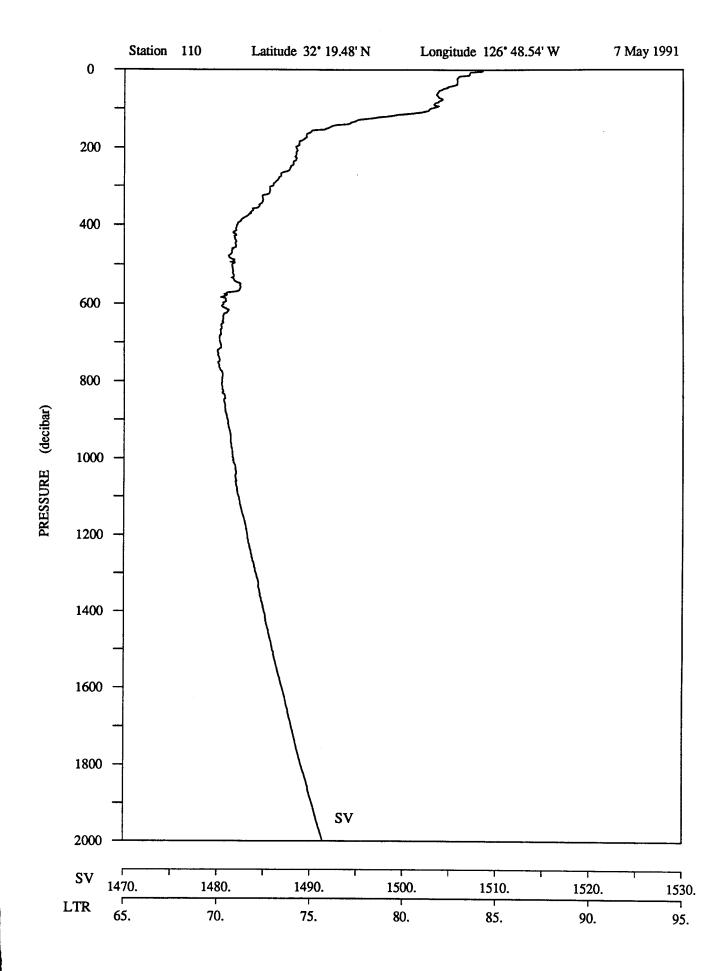


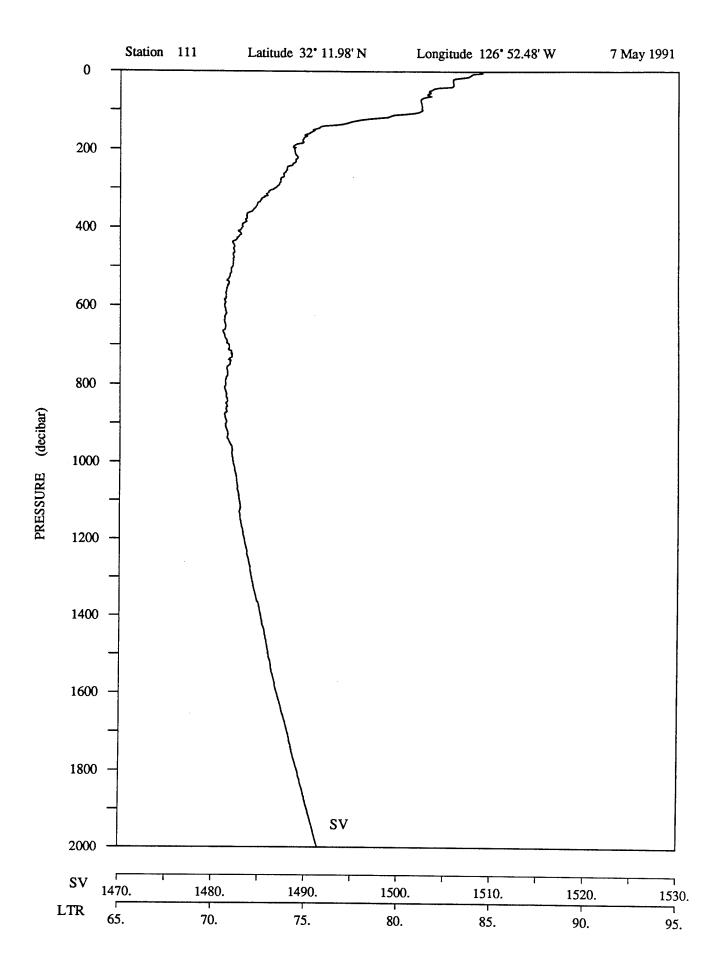


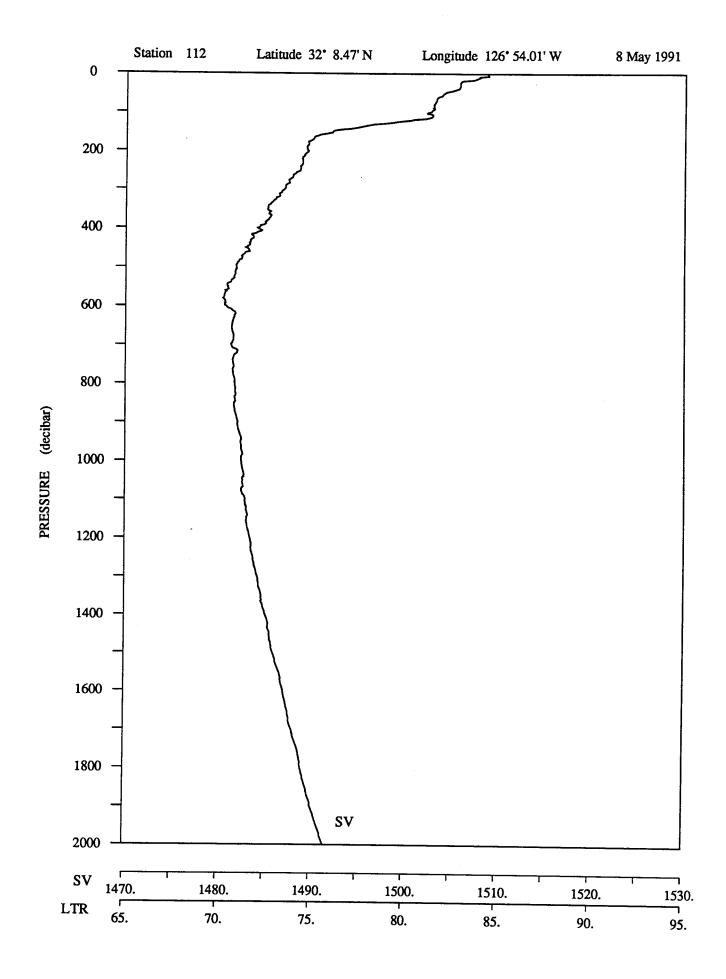


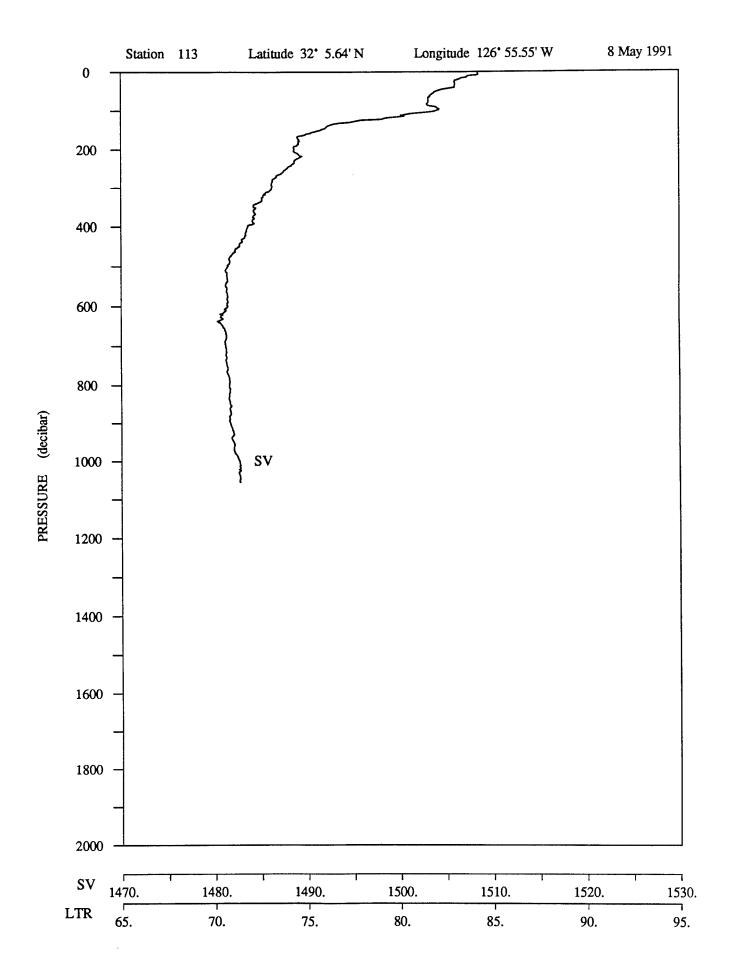


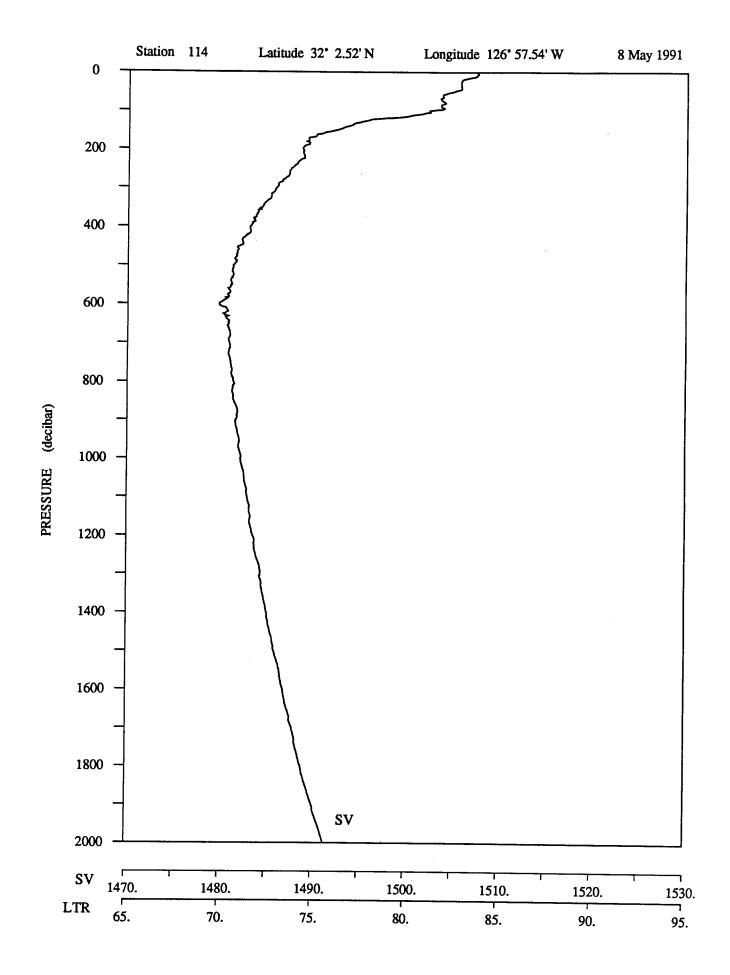


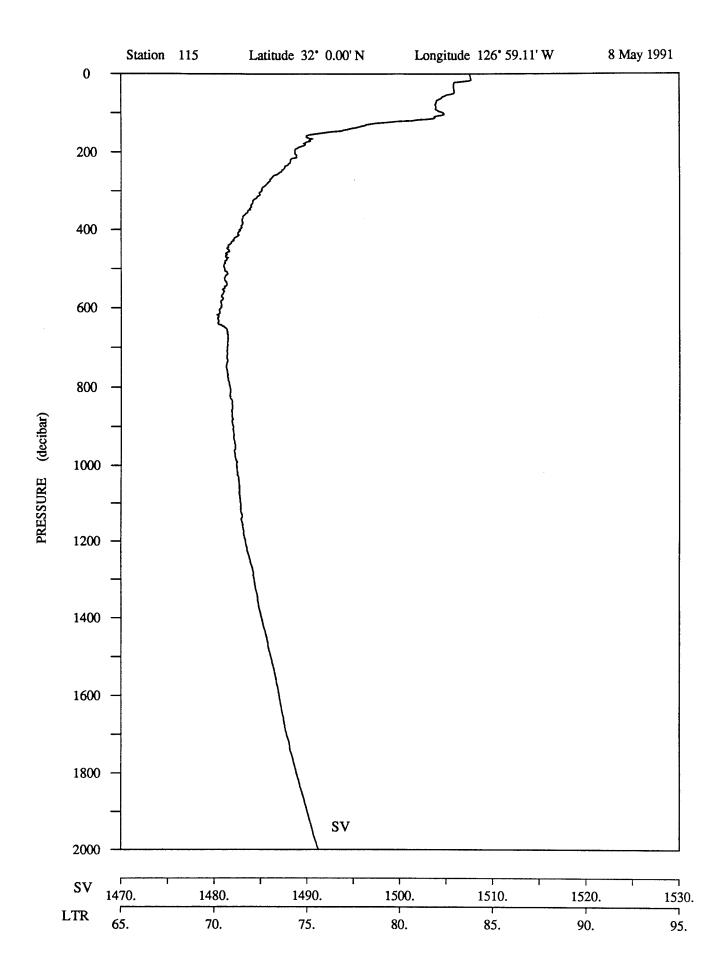


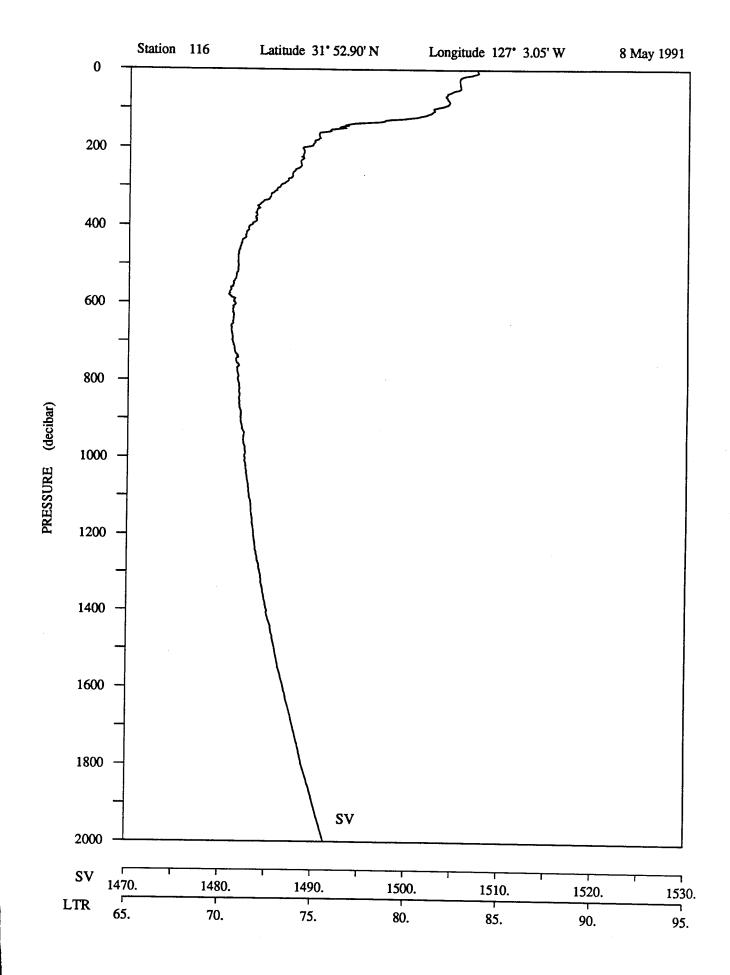


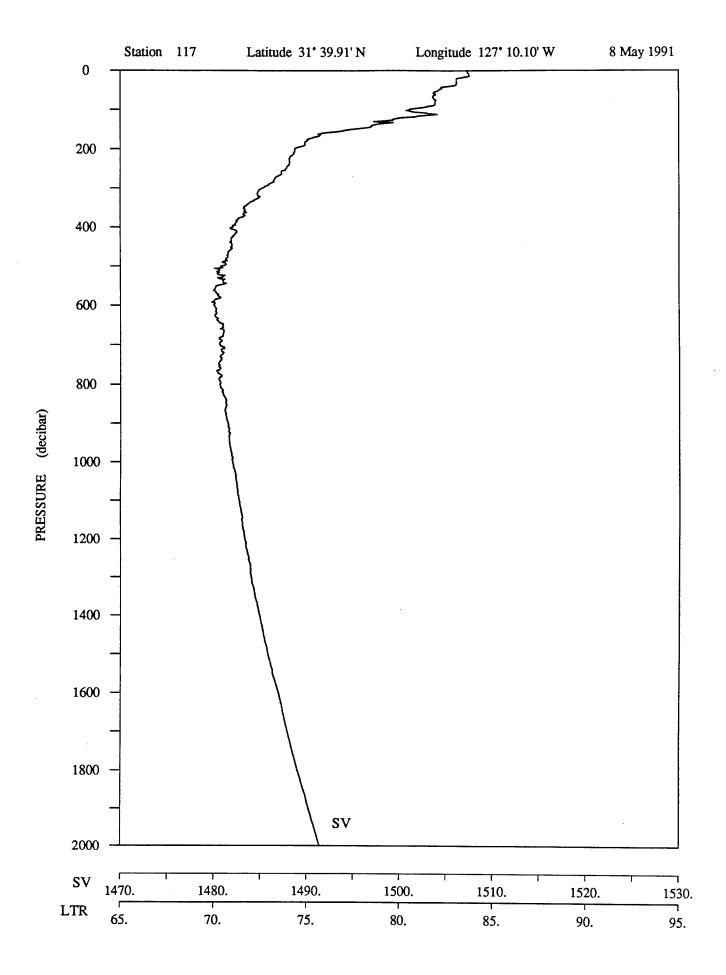


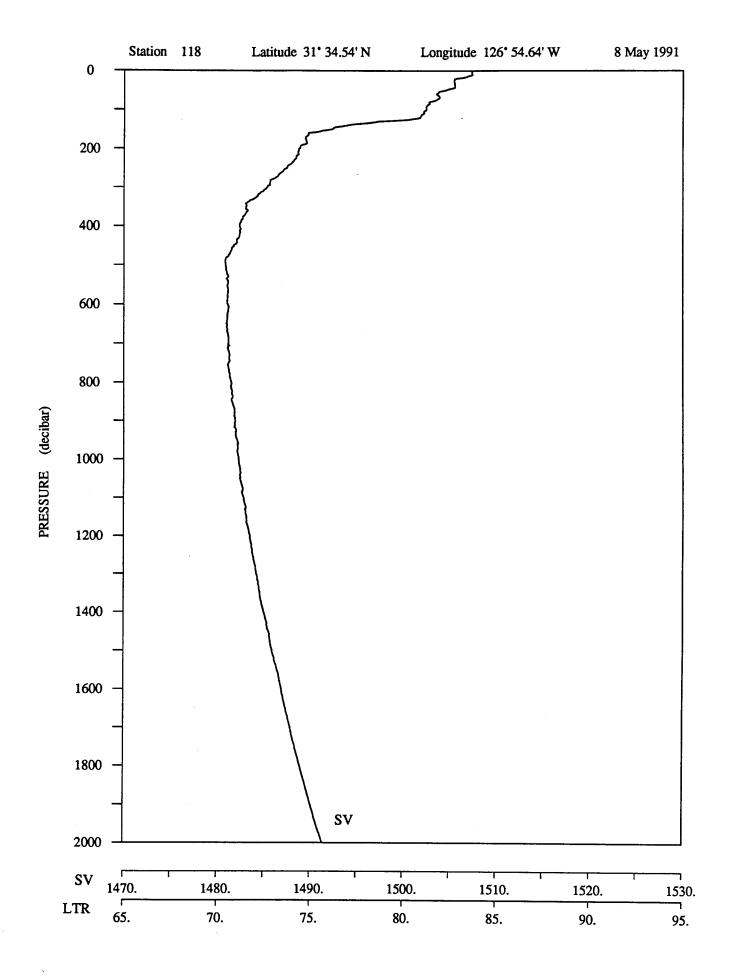


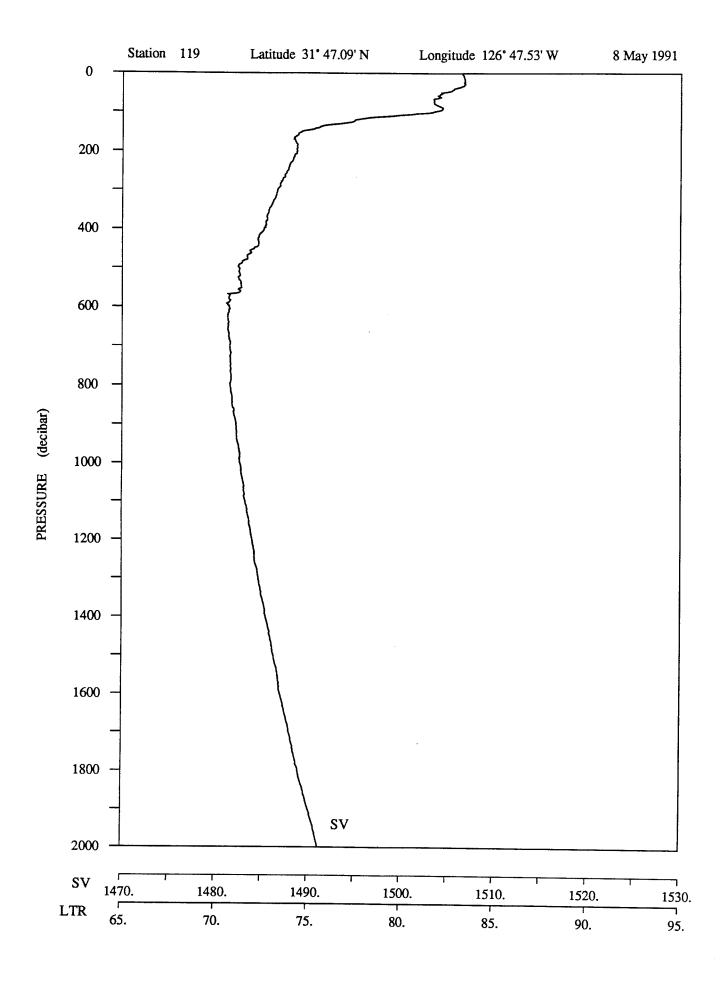


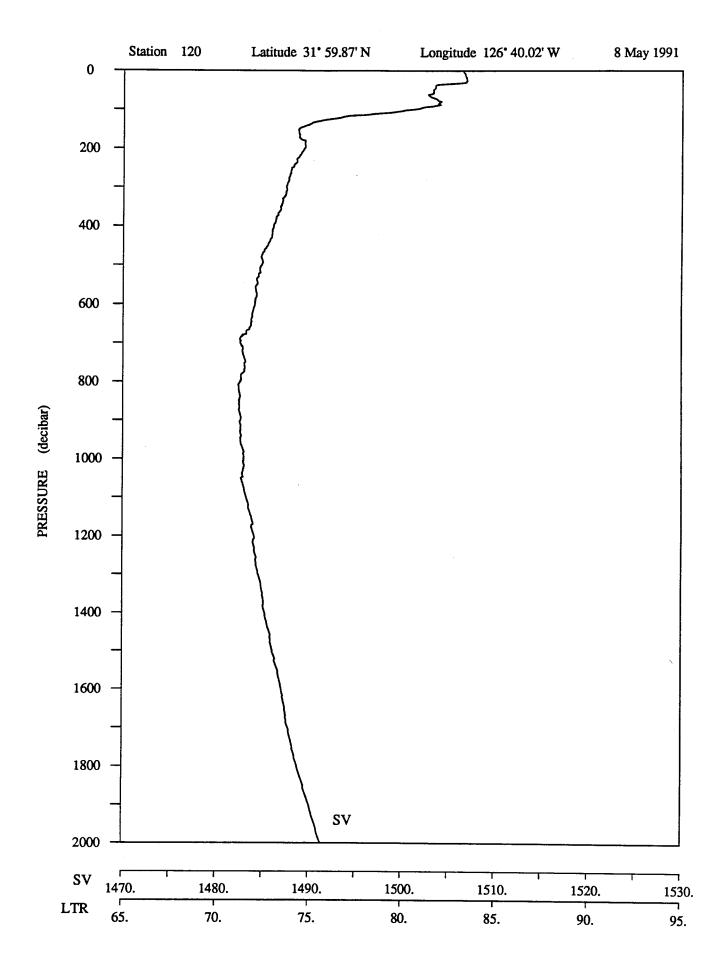


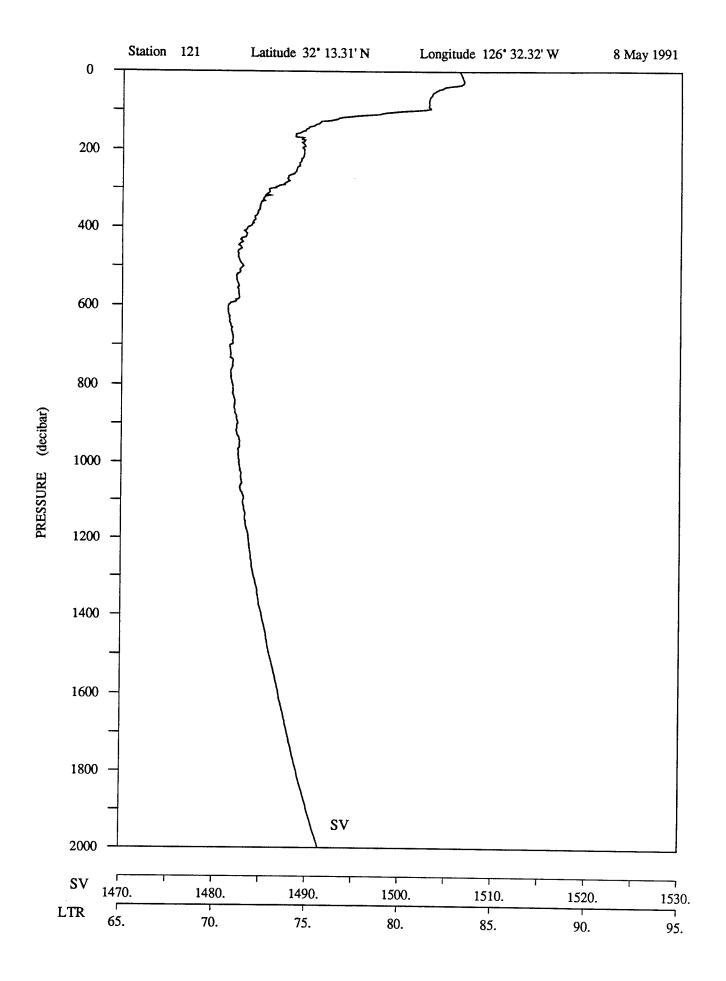


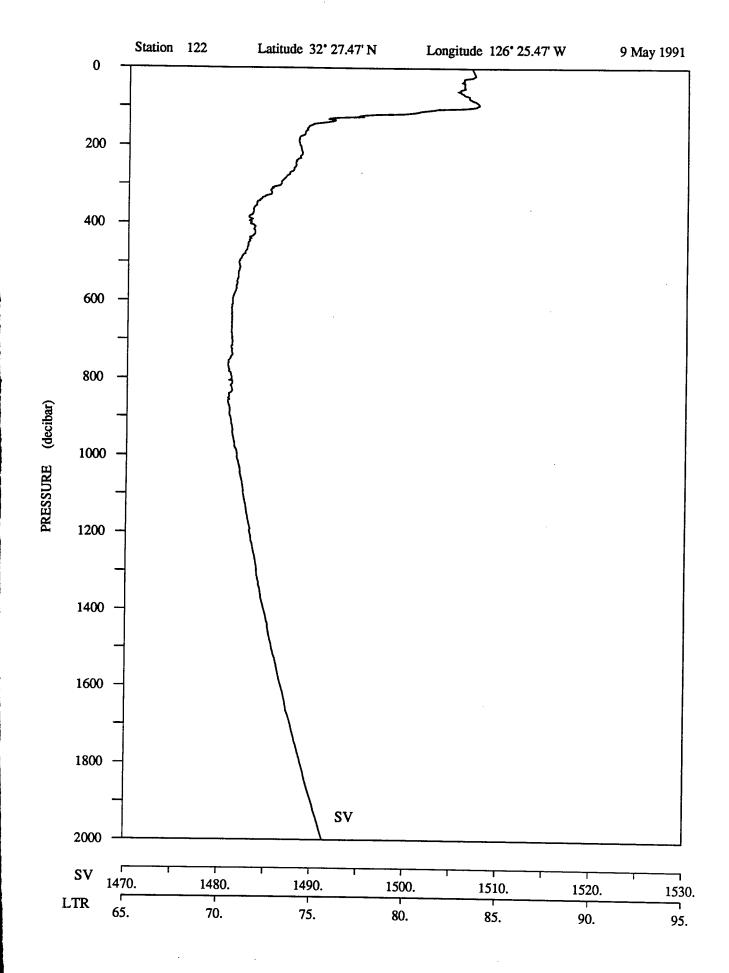


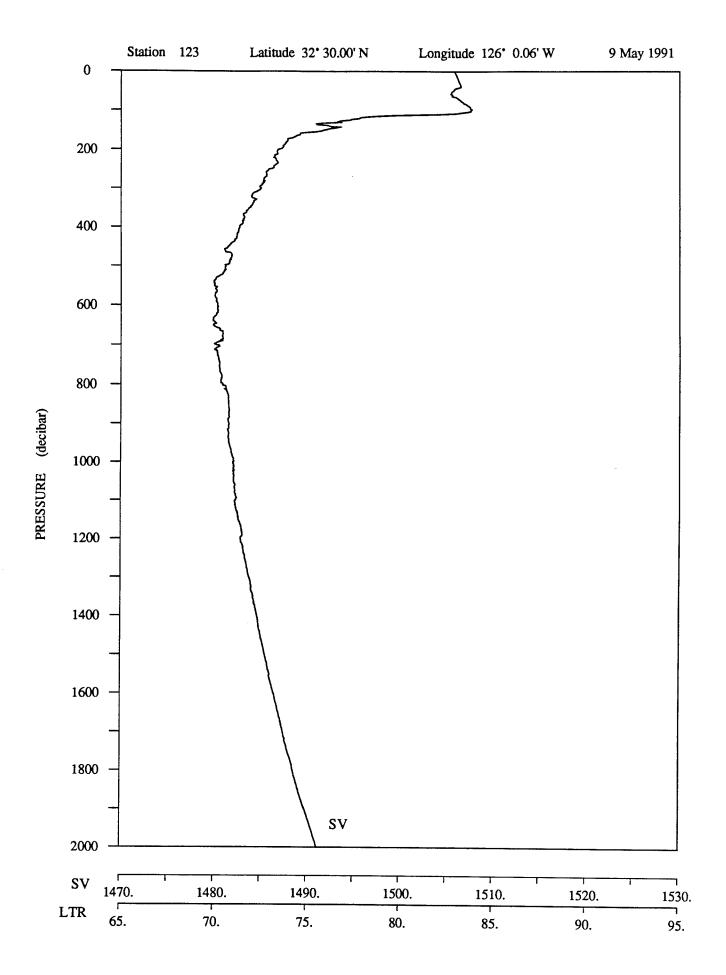














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OFFICE OF NAVAL RESEARCH CORPORATE PROGRAMS DIVISION

ONR 353

TO:

800 NORTH QUINCY STREET ARLINGTON, VA 22217-5660

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2. The Defense Technical Information Center received the enclosed report (referenced below) which is not marked in accordance with the above reference.

FINAL REPORT N00014-89-J-1248 TITLE: NORTH PACIFIC OCEAN, FIEBERLING SEAMOUNT

- 3. We request the appropriate distribution statement be assigned and the report returned to DTIC within 5 working days.
- 4. Approved distribution statements are listed on the reverse of this letter. If you have any questions regarding these statements, call DTIC's Cataloging Branch, (703) 274-6837.

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[19 SEP 1995

(Date Statement Assigned)